PHASE II ENVIRONMENTAL STUDY

80 - 100 CHARLOTTE STREET
ROCHESTER, NEW YORK

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APPENDICES

1.0 INTRODUCTION

This report prepared by Day Environmental, Inc. (DAY) summarizes the findings of a Phase II Environmental Study conducted at 80-100 Charlotte Street, City of Rochester, County of Monroe, New York (Site). The general location of the Site is shown on Figure 1 (Project Locus Map) included in Appendix A. As shown on Figure 2 (Site Plan) included in Appendix A, the Site consists of an approximate 0.78-acre parcel improved with an approximate 18,988 square-foot building.

1.1 Background

DAY completed a Phase I Environmental Site Assessment (Phase I ESA) report (DAY file #2936E-02) dated May 23, 2002 for the Site. The Phase I ESA report identified the following recognized environmental conditions (RECs):

1. Adjoining New York State Department of Environmental Conservation (NYSDEC) Active Spills and Historic Use of Assessed Property
2. Proper Characterization and Off-site Disposal of Drums and Containers
3. Suspect Asbestos Containing Material (SACM)
4. Lead-Based Paint (LBP)

As requested by the City of Rochester, this Phase II Environmental Study is intended to further evaluate REC #1 (Adjoining NYSDEC Active Spills and Historic Use of Assessed Property). As such, evaluation of the other three RECs is not included in this Phase II Environmental Study report.

REC#1 (Adjoining NYSDEC Active Spills and Historic Use of Assessed Property) is further summarized as follows:

- Active NYSDEC spill files were identified for the adjoining property west of the assessed property, as well as two other nearby properties (i.e., Spill #s 0070043, 0070044, and 0170101). Information obtained indicated that these spills were likely to be located upgradient of the Site; thus, it was deemed possible that the Site has been impacted by these spills.
- Review of historical information indicated that prior to redevelopment of the Site with the current building, the Site was developed with several apparent residential structures. Information was not obtained regarding the demolition of these structures, the disposal of the debris, or the backfilling of the basements. It is possible that fill material (i.e., demolition debris, off-site fill/waste, etc.) was used to fill in the basements of the structures formerly located on the Site.
- A gasoline underground storage tank (UST) was reportedly removed from the parking lot west of the on-site building in 1988. The gasoline dispenser for this UST was reportedly located inside the truck bay of the assessed building. A notation on City of Rochester Fire Department records indicated that "soil was clean"; however, sampling and analytical

laboratory testing of soils in the tank pit excavation or at the reported dispenser location were reportedly not performed at the time of the UST removal. [Note, this tank was removed prior to the development of the NYSDEC guidance document for removing tanks, which describes the sampling and analytical testing that should be performed.] A permit was issued on 7/20/88 to 'replace 4" fill pipe to tank'; however, the permit does not describe the reason for this work. This permit was issued only three months prior to the removal of the tank from the Site.

- One floor drain was observed in the motor repair shop, and two floor drains were observed in the truck bay area of the on-site building. The floor drain in the motor repair shop was in poor condition, and one of the floor drains in the truck bay area contained liquid with an apparent petroleum-like sheen.

- Staining was observed on the concrete floor near the solvent-based parts washer in the motor repair area and on the warehouse floor. Solvents and/or hazardous materials have historically been used and/or stored in these areas. Also, transformers and other electrical equipment may have been stored in the on-site building in the past.

1.2 Objectives

The objective of this Phase II Environmental Study was to evaluate surface and subsurface conditions for the presence of contamination in relation to REC #1 identified in the Phase I ESA report and to define the need for and type of corrective actions (if required) to redevelop the Site for residential use.

2.0 FIELDWORK AND ANALYTICAL LABORATORY TESTING

As part of this Phase II Environmental Study, various tasks were performed on the Site including: a concrete floor evaluation, a test boring evaluation, a groundwater evaluation, and analytical laboratory testing. These tasks and the associated findings are discussed below. Data tables summarizing analytical laboratory test results for samples collected during this study are included in Appendix B.

2.1 Concrete Floor Evaluation

Areas of the floor in the warehouse and motor repair shop appeared stained. DAY used a rotary hammer and 1-inch diameter drill bit to collect eight concrete samples (designated as samples C-1 through C-8) at interior locations. The drill bit was advanced to a depth of approximately one inch. In order to obtain adequate sample volume of homogeneous concrete dust residue, numerous (e.g., 6 to 8) holes were advanced at each test location. Dust mitigation was conducted during collection of concrete samples by wetting down the work area with a water mist. The test locations in the concrete floor were backfilled with cement that was generally smoothed flush with the existing concrete floor.

Figure 2 (Appendix A) illustrates the locations of these concrete samples and their locations are further described below:

- C-1 was located in an interior truck bay
- C-2, C-3 and C-6 were located in apparent areas of stained concrete floor
- C-4 was located in an apparent area of stained concrete floor where mercury vapor lights were observed to be stored.
- C-5 was located in an apparent area of stained concrete floor where light ballast cleaning was suspected.
- C-7 was located in an area of broken concrete floor adjacent to a floor drain near the entrance to a truck bay associated with the small motor repair shop.
- C-8 was located in an apparent area of stained concrete floor of the small motor repair shop in proximity to where degreasing operations are conducted.

2.2 Test Boring and Surface Soil Evaluation

On June 7, 2002, two surface soil samples (designated as Samples SS-1 and SS-2) were collected from an unpaved gravelly area located at the northwest corner of the Site (refer to Figure 2 included in Appendix A). These samples were collected from a 0 to 6-inch depth interval at locations where dark apparent petroleum-type staining was observed. The samples were placed in containers for subsequent analytical laboratory testing (refer to Section 2.5.2).

Between June 5, 2002 and June 7, 2002, twenty-nine (29) test borings (i.e., TB-1 through TB-28 and TB-5A) were advanced on the Site using vehicle-mounted Geoprobe System and Earthprobe 200 soil sampling equipment. DAY retained SLC Environmental Services to advance these test borings. The test borings were sampled continuously and advanced through the overburden to depths ranging between approximately 4.0 feet (TB-5) and 11.0 feet (TB-18 and TB-24) below the

ground surface where equipment refusal was typically encountered. With the exception of TB-5, equipment refusal at test borings appeared to indicate the inferred top of bedrock. The average depth to equipment refusal encountered at the 29 test boring locations was 8.1 feet. Test borings not converted into groundwater monitoring wells were backfilled with soil cuttings and capped with asphalt patch or concrete.

Figure 2 (Appendix A) illustrates the locations of these test borings and their locations are further described below:

- Test borings TB-2, TB-3, TB-4, TB-12, TB-25 and TB-26 were advanced at, or in proximity to, the former gasoline UST and associated pump dispenser locations.
- Test Borings TB-7 through TB-11, TB-16, TB-23, TB-24, TB-27 and TB-28 were advanced along property boundaries on the Site. TB-11 was also situated at the reported location of a former dumpster.
- Test Borings TB-1, TB-13 and TB-21 were advanced in proximity to facility floor drains located inside the truck bay of the warehouse and in the small motor repair shop.
- Test Borings TB-19, TB-20 and TB-22 were advanced inside the small motor repair shop in proximity to areas of current or former chemical use (e.g., parts washer, etc.).
- The remaining test borings (i.e., TB-5, TB-5A, TB-6, TB-14, TB-15, TB-17, and TB-18) were advanced over the balance of the Site to evaluate the extent of subsurface contamination and fill material.

A DAY representative observed the recovered soil samples in order to develop a stratigraphic description of the subsurface conditions encountered and to evaluate the recovered soil samples for evidence of suspect contamination (e.g., staining, unusual odors, presence of petroleum or chemical product, etc.). Portions of the recovered soil samples were also screened with a MiniRae 2000 photoionization detector (PID) equipped with a 10.6 eV lamp. The DAY representative recorded pertinent information for each test boring and subsequently prepared test boring logs (included in Appendix C).

Selected samples of fill or soil collected from the test borings were evaluated in the field for evidence of contamination (i.e., staining, odors, type of fill material, elevated PID readings, etc.). Other portions of the samples were retained for possible testing at Paradigm Environmental Services, Inc. (Paradigm). Paradigm is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified analytical laboratory. In addition, a grab sample of groundwater (designated as Sample 2957-21) was collected on June 7, 2002 from the open hole of Test Boring TB-17 for analytical laboratory testing.

2.3 Groundwater Evaluation

One June 7, 2002, test borings TB-3, TB-8, TB-24 and TB-14 were converted into 1-inch diameter overburden groundwater monitoring wells that are designated as MW-1, MW-2, MW-3 and MW-4, respectively (refer to Figure 2 included in Appendix A). Well MW-1 is situated at the former UST location. Well MW-2 is located at the northwest corner of the Site to evaluate impact from off-site

contaminant sources to the west. Well MW-3 is located along the northern property boundary of the Site to evaluate impact associated with the petroleum plume that appears attributable to the former UST system. Well MW-4 is located inside the warehouse portion of the existing Site building to evaluate impact associated with the petroleum plume that appears attributable to the former UST system.

Each well consists of a pre-cleaned five-foot long, 1-inch inner-diameter (ID), threaded, flush-jointed, No. 10 slot, Schedule 40 polyvinyl chloride (PVC) screen attached to flush-coupled riser casing of the same material. The well screens were installed to intercept the top of the water table observed in the overburden at the time of advancement of the associated test borings. The well installations included a washed and graded sand pack surrounding the screen and about one foot of sand above the top of the screen. A bentonite seal was placed above the sand pack and the remaining annulus was filled with cement/bentonite grout. A steel protective curb box with locking cap was placed over the wells and sealed in place with concrete. Well details are included on the corresponding logs in Appendix C.

Monitoring Well Development

On June 11, 2002, monitoring wells MW-1 through MW-4 were developed by DAY. These wells were developed to restore natural hydraulic properties at the well locations to the extent possible. Well development was performed utilizing disposable bailers with dedicated cord. No fluids were added to the wells during development, and well development equipment was decontaminated prior to development of each monitoring well. Due to inadequate water yield and high turbidity, water quality measurements (e.g., pH, conductance, and temperature) were not collected during well development. Copies of well development logs are included in Appendix D.

Monitoring Well Sampling

On June 18, 2002, wells MW-1 through MW-4 were purged by removing more than three well casing volumes of groundwater, and a groundwater sample was collected from each well (designated as samples 2957-MW-1 through 2957-MW-4) for subsequent laboratory analysis. During sampling, the following parameters were measured using a Horiba U-22 water quality meter: conductivity, pH, temperature, and turbidity. Copies of well sampling logs are included in Appendix D. Evidence of light non-aqueous phase liquid (LNAPL) was not detected in the purge water or groundwater samples from the wells.

Potentiometric Groundwater Contour Map

The location of the four wells (MW-1 through MW-4) on the Site were tape-measured in relation to existing site structures, and a licensed land surveyor was retained to measure their elevations. On June 24, 2002, DAY measured static water levels in the four wells using an electronic static water level indicator. The well elevations, static water levels and calculated groundwater elevations are presented on Table 1 in Appendix B. Figure 3 included in Appendix A is a potentiometric groundwater contour map based on the groundwater elevations measured on June 24, 2002. As shown on Figure 3, groundwater at the site generally flows toward the east.

Study-Derived Wastes

Drilling, development and sampling equipment was decontaminated prior to being used at each location. The water removed from the wells during development and sampling, and the decontamination waters, were placed in a 5-gallon container that was labeled and staged for future disposal, treatment, etc. Excess soil cuttings from test borings were placed in a different 5-gallon container that was labeled and staged for future disposal, treatment, etc.

2.4 Field Observations

Field observations and findings based upon the work completed during this Phase II Environmental Study are summarized below:

- Most test borings were advanced through asphalt pavement or concrete. Fill material generally consisting of mixtures of silt, sand, clay, and gravel with lesser amounts of coal, ash, concrete, asphalt, brick, slag and wood was encountered beginning below the asphalt pavement or concrete floor in most of the test borings across the Site. Fill was not encountered at Test Borings TB-4 and TB-17. The fill material in the test borings excavated during this study extended from the ground surface to depths ranging between approximately 3 feet (TB-1, TB-7) and 8.0 feet (TB-3 located in former tank pit). Based on the observation of samples from the 29 test borings, the average thickness of the fill material on the Site is approximately 4.7 feet.

- Soils beneath the fill material generally consisted of silt and/or sand with lesser amounts of gravel and clay. At many of the test borings, rock fragments (i.e., fractured Lockport Dolomite) were observed in samples collected near the bottom of the test borings. The thickness of the indigenous soil observed beneath the fill material and above inferred top of bedrock ranged between approximately 0.0 feet (TB-3, TB-20 and TB-26) and 7.5 feet (TB-4) with an average thickness of 3.1 feet.

- The apparent groundwater table was encountered (i.e., as evidenced by wet soil samples and/or standing water in the test boring) in 14 of the 29 test borings advanced during this study. On June 24, 2002, groundwater was measured in wells MW-1 through MW-4 at depths ranging between 5.98 feet and 8.33 feet below the ground surface.

- Field evidence of suspect petroleum-like contaminated soil (i.e., based upon PID readings greater than 5.0 ppm and observations including odors, staining, etc.) was detected on soil samples from 11 of the 29 test borings (i.e., TB-2, TB-3, TB-5, TB-6, TB-8, TB-14, TB-17, TB-18, TB-23, TB-24, and TB-27).

    - Suspect contamination above and below the observed top of water table was encountered on soils at Test Borings TB-2, TB-4, TB-6, TB-14, TB-17, TB-18, and TB-23.

    - Suspect contamination at or below the observed top of water table was encountered on wet soils at Test Borings TB-3, TB-8, TB-24, and TB-27 (i.e., typically at or immediately above equipment refusal that inferred the top of bedrock).

- The peak PID readings at test borings with field evidence of suspect petroleum contamination ranged between 45.2 ppm (TB-8) and 1,387 ppm (TB-14). Petroleum-like odors and/or gray or black staining were noted on the soil at the 11 test borings. Figure 2A included in Appendix A illustrates the peak PID measurements at test boring locations as a colored 2-dimensional diagram (i.e., contour map) as developed using the Stratos98 software program. As shown, areas where the highest peak PID readings were measured include in proximity to the former UST location and beneath the northeast portion (i.e., warehouse) of the existing building.

- The suspect contamination encountered appears attributable to off-site sources along the west side of the Site (i.e., at Test Borings TB-8 and TB-27) and historic releases associated with the former on-site UST system (i.e., at Test Borings TB-2, TB-3, TB-5, TB-6, TB-14, TB-17, TB-18, TB-23, and TB-24). This observation is based on the fact that regional groundwater in proximity to the Site flows towards the east and that the contamination at TB-8 and TB-27 was only detected in the saturated zone along the west (i.e., hydraulically upgradient)side of the Site. The contamination at Test Borings TB-2, TB-3, TB-5, TB-6, TB-14, TB-17, TB-18, TB-23, and TB-24 is located in proximity to, and hydraulically downgradient from, the former UST system.

- Peak PID readings measured at the other 18 test borings that exhibited no observation of petroleum-like odors or staining ranged between 0.0 ppm (i.e., at 15 of the test boring locations) and 11.7 ppm (immediately beneath the concrete floor at TB-1).

- The test boring logs included in Appendix D provide additional information regarding subsurface conditions, PID measurements, etc. encountered in each test boring.

- Evidence of contamination associated with floor drains, operations in the small motor repair shop, or other interior facility operations was not encountered during this study.

2.5 Analytical Laboratory Testing

Selected samples collected as part of this study were delivered under chain-of-custody control to Paradigm. The analytical laboratory program that was implemented on samples that were collected from the concrete floor, test borings and monitoring wells and the corresponding test results are further discussed below. Copies of analytical laboratory test results are included in Appendix E. Tables summarizing the analytical laboratory data and providing a comparison to NYSDEC criteria are included in Appendix B.

2.5.1 Concrete Samples

Eight samples were submitted for analytical laboratory testing:

- Samples C-1, C-4, C-5 and C-6 were tested for polychlorinated biphenyls (PCBs) using United States Environmental Protection Agency (USEPA) Method 8082 and mercury using USEPA Method 7471.

- Samples C-2, C-3, C-7 and C-8 were tested for PCBs using USEPA Method 8082.

Mercury

As shown on Table 2, mercury was not detected at concentrations above the reported analytical laboratory detection limits in these samples.

PCBs

As shown on Table 3, PCBs were not detected at concentrations above the reported analytical laboratory detection limits in these samples.

2.5.2 Surface Soil Samples

Two surface soil samples were submitted for analytical laboratory testing:

- Surface soil sample SS-1 (designated as Lab Sample 2957S-01) was tested for total petroleum hydrocarbons (TPH) using NYSDOH Method 310.13; Spill Technology and Remediation Series (STARS)-list semi-volatile organic compounds (SVOCs) using USEPA Method 8270; total Resource Conservation and Recovery Act (RCRA) metals using USEPA Methods 6010 and 7471; and PCBs using USEPA Method 8082.

- Surface soil sample SS-2 (designated as Lab Sample 2957S-02) was tested for TPH using NYSDOH Method 310.13; and PCBs using USEPA Method 8082.

TPH

As shown on Table 5, surface soil samples 2957-01/SS-1 and 2957-02/SS-2 contained heavy weight TPH designated as being lube oil at concentrations of 5,940 mg/Kg (i.e., ppm) and 5,450 mg/Kg (i.e., ppm), respectively. There are no NYSDEC cleanup criteria for TPH in soil.

SVOCs

As shown on Table 6, SVOCs were detected above reported analytical laboratory detection limits in Sample 2957-01/SS-1. The SVOCs benzo(b)fluoranthene, fluoranthene, phenanthrene, and pyrene, were detected at concentrations ranging between 3,150 ug/Kg (i.e., ppb) and 5,700 ug/Kg (i.e., ppb). These SVOCs are typically associated with medium-weight to heavy-weight petroleum products, or due to the incomplete combustion of organic matter (coal, ash, etc.). The concentration of the SVOC benzo(b)fluoranthene (i.e., 3,460 ppb) exceeds the recommended soil cleanup objective of 1,100 ppb as referenced in the NYSDEC's Technical and Administrative Guidance Memorandum dated January 24, 1994 (TAGM 4046).

PCBs

As shown on Table 3, PCBs were not detected at concentrations above reported analytical laboratory detection limits in Samples 2957-01/SS-1 or 2957-02/SS-2.

Metals

As shown on Table 7, the metals arsenic, barium, cadmium, chromium, lead, and silver were detected in Sample 2957-01/SS-1. The detected concentrations of these metals in this surface soil sample did not exceed their respective recommended soil cleanup objectives and were generally

within or below their respective typical background ranges as referenced in the NYSDEC TAGM 4046 dated January 24, 1994. An exception is that the detected concentration of cadmium (i.e., 1.09 ppm) slightly exceeds it typical background range of 0.1 to 1.0 ppm.

2.5.3 Test Boring Soil and Fill Samples

Eighteen (18) samples (designated as 2957-03 through 2957-20) from test borings were submitted for analytical laboratory testing. Samples 2957-03 through 2957-09 consisted of fill material, and the remaining samples consisted of subsurface soil. The specific locations, depth intervals, and test parameters for these soil samples are provided on Table 4 included in Appendix B. The analytical laboratory program included: ten (10) samples for TPH; eight (8) samples for TCL and STARS-list VOCs; five (5) samples for SVOCs; four (4) samples for PCBs; six (6) samples for total RCRA metals; and one (1) sample for TCLP metals. Analytical laboratory results for the samples tested are summarized below.

TPH

As shown on Table 5, TPH was detected in six of the ten samples at concentrations ranging between 34 mg/Kg (ppm) and 2,110 mg/Kg (ppm). The TPH detected in these soil samples consisted of light-weight TPH designated as gasoline or medium-weight TPH designated as kerosene. [Note: weathered gasoline could tentatively be identified as kerosene by the analytical laboratory if enough light-end VOCs have degraded, dissipated, etc.] There are no NYSDEC cleanup criteria for TPH in soil.

VOCs

As shown on Table 8, TCL and STARS-list VOCs were detected in each of the eight soil samples from test boring locations that were tested. VOCs that were detected include: ethylbenzene, tert-butylbenzene, xylenes, isopropylbenzene, n-propylbenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, sec-butylbenzene, and p-isopropyltoluene. The concentrations of specific TCL or STARS-list VOCs detected in the samples ranged between 10.6 ug/Kg (ppb) and 5,460 ug/Kg (ppb). Total tentatively identified compounds (TICs) were also reported for samples 2957-11, 2957-12, 2957-14, 2957-15 and 2957-16. Total TICs detected in these samples ranged between 171.8 ug/Kg (ppb) in Sample 2957-12 and 4,706 ug/Kg (ppb) in Sample 2957-16. Total VOCs (including TICs) were detected in the seven samples at concentrations ranging between 192.3 ug/Kg (ppb) in Sample 2957-12 and 501,660 ug/Kg (ppb) in Sample 2957-20.

Figure 2B included in Appendix A illustrates the total cumulative benzene, toluene, ethylbenzene and xylene (BTEX) concentrations detected in soil samples as a colored 2-dimensional diagram (i.e., contour map) as developed using the Stratos98 software program. As shown, the highest concentration of BTEX detected in a soil sample was beneath the northeast portion (i.e., warehouse) of the existing building.

The concentrations of four VOCs detected in Sample 2957-18 and eight VOCs is Sample 2957-20 exceeded recommended soil cleanup objectives as referenced in the January 24, 1994 NYSDEC TAGM 4046, as amended by the NYSDEC's supplemental Table 1 dated 1998. The cumulative concentration of total VOCs in Samples 2957-13, 2957-18, and Sample 2957-20 exceed the recommended soil cleanup objective of 10,000 ug/Kg (ppb) as referenced in the January 24, 1994 NYSDEC TAGM 4046.

SVOCs

As shown on Table 6, only the SVOC naphthalene was detected in two of the five samples tested. Sample 2957-13 contained 531 ug/Kg (ppb) of naphthalene and Sample 2957-18 contained 2,530 ug/Kg (ppb) of naphthalene. These concentrations of naphthalene are below the recommended soil cleanup objective (i.e., 13,000 ppb) for naphthalene and total SVOCs (i.e., 500,000 ppb) as referenced in the January 24, 1994 NYSDEC TAGM 4046, as amended by the NYSDEC's supplemental Table 1 dated 1998.

PCBs

As shown on Table 3, PCBs were not detected at concentrations above analytical laboratory detection limits in the four soil samples collected from test boring locations.

Metals

As shown on Table 7, the RCRA metals arsenic, barium, cadmium, chromium, lead, mercury and silver were detected in one or more of each of the five soil samples that were tested. The concentrations of arsenic, barium, cadmium, lead, and mercury in one or more samples exceed their recommended soil cleanup objectives and/or typical background ranges as referenced in the NYSDEC TAGM 4046 dated January 2, 1994. [Note, as allowed by the NYSDEC on other projects, the NYSDEC's 1995 proposed recommended soil cleanup objectives for cadmium and chromium were used for comparison to the test results]. Also, test results indicate that Sample 2957-06 is not considered a characteristic hazardous waste for metals.

2.5.4 Groundwater Samples

Grab water sample 2957-21 (apparent groundwater) from Test Boring TB-17 was analyzed for TCL and NYSDEC STARS-list VOCs using USEPA Method 8260. Groundwater samples 2957-MW-1 through 2957-MW-4 were analyzed for USEPA TCL and NYSDEC STARS-list VOCs using USEPA Method 8260; and TPH using NYSDOH Method 310.13. Total VOCs and TPH analytical laboratory test results are summarized on Figure 4 included in Appendix A.

TPH

As shown on Table 9, light-weight TPH identified as gasoline was detected in Samples 2957-MW-2, 2957-MW-3, and 2957-MW-4 at concentrations of 1,140 ug/l (ppb), 376 ug/l (ppb) and 10,400 ug/l (ppb), respectively. TPH was not detected at concentrations above reported analytical laboratory detection limits in Sample 2957-MW-1.

VOCs

As shown on Table 10, TCL and STARS-list VOCs were detected in Samples 2957-21, 2957-MW-1, 2957-MW-2, 2957-MW-3, and 2957-MW-4. VOCs that were detected include: benzene, ethylbenzene, tert-butylbenzne, xylenes, n-butylbenzene, isopropylbenzene, n-propylbenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, sec-butylbenzene, and p-isopropyltoluene. The concentrations of specific TCL or STARS-list VOCs detected in the samples ranged between 1.22 ug/l (ppb) for benzene and 32,800 ug/l (ppb) for 1,2,4-trimethylbenzene. Total TCL and STARS-

list VOCs detected in the five samples ranged between 19.15 ug/l (ppb) in Sample 2957-MW-1 and 74,250 ug/l (ppb) in Sample 2957-21 from TB-17. The concentrations of one or more VOCs in each of the groundwater samples exceeded respective groundwater standards or guidance values as referenced in the NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1 document titled "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations" (TOGS 1.1.1) dated June 1998.

Figure 2C included in Appendix A illustrates the total cumulative BTEX concentrations detected in groundwater samples as a colored 2-dimensional diagram (i.e., contour map) as developed using the Stratos98 software program. As shown, the highest concentration of BTEX detected in a groundwater sample was beneath the northwest portion (i.e., warehouse) of the existing building.

3.0 CONCLUSIONS AND RECOMMENDATIONS

This Phase II Environmental Study included: collection of concrete floor samples from eight (8) locations, advancement of twenty-nine (29) test borings; installation of four (4) groundwater monitoring wells; field observations and PID screening on soil and groundwater samples; analytical laboratory testing of concrete floor samples, soil samples, fill material samples and groundwater samples; and evaluation of the data collected.

Under current City of Rochester plans, the existing commercial building is to be demolished and the Site will be redeveloped for residential use. It is currently anticipated that the residential redevelopment will consist of construction of a residential complex that is to be constructed without basements. The conclusions and recommendations presented herein are based upon this intended future use of this Site.

3.1 Conclusions

As requested by the City of Rochester, this Phase II Environmental Study further evaluated REC #1 (Adjoining NYSDEC Active Spills and Historic Use of Assessed Property) that was identified in the Phase I ESA report (DAY file #2936E-02) dated May 23, 2002. This study further evaluated potential impacts to specific areas of concern that comprise REC #1 such as: suspect integrity and historic discharges to facility floor drains; stained areas of the concrete floor inside the building; stained surface soils in an unpaved area located on the northwest portion of the Site; active spills on adjoining/nearby properties to the west; a former on-site gasoline UST system; and suspect filling associated with former apparent residential structures on the Site. The findings and conclusions of this study in relation to each of these specific areas are summarized below.

Floor Drains

Field observations and screening, and analytical laboratory test results, for samples collected in proximity to floor drains suggest that suspect historical discharges of chemical or petroleum products to floor drains has not impacted subsurface conditions at the Site. However, floor drains may contain contents that require special handling and disposal in accordance with applicable regulations.

Stained Concrete Floor

Based on Site observations during the Phase I ESA and on the historical use of the Site by an electrical contractor that handled transformers, light ballasts and mercury vapor lights, eight samples of concrete floor were collected. Test results indicated that mercury and PCBs were not detected in these samples; thus, the stained floor no longer represents an area of environmental concern.

Stained Surface Soils

Several approximately three-foot diameter or less areas of stained surface soils are present in an unpaved area located on the northwest portion of the Site. This contamination appears attributable to on-site incidental surface releases of oil. Heavy-weight TPH designated as lube oil was detected in two surface soil samples. Analysis of one sample indicated it contained the SVOC Benzo(b)fluoranthene at a concentration exceeding its respective NYSDEC recommended soil cleanup objective. This sample also contained a slightly elevated concentration of the heavy metal cadmium.

Active Spills on Adjoining/Nearby Properties

Evidence of petroleum-like contamination was detected in wet soils and/or groundwater at the northwest and southwest portions of the Site (refer to Area #2 and Area #3 on Figure 5 included in Appendix A). This contamination appears attributable to off-site source(s), likely associated with active spills on adjoining/nearby properties located west of the Site. TPH was not detected in soil samples from these locations; however, TPH designated as light-weight gasoline was detected in a groundwater sample collected from a monitoring well on the northwest portion of the Site.

Former On-Site Gasoline UST System

Evidence of petroleum-like contamination was detected in unsaturated soil, saturated soils and groundwater at, and in proximity to, the former gasoline UST system (refer to Area #1 on Figure 5 included in Appendix A). An apparent plume appears to have migrated hydraulically downgradient (i.e., eastward) from the former gasoline UST system and underlies a portion of the existing on-site commercial building. The lateral extent of this plume has not been fully defined (i.e., studies were conducted within boundaries of the Site; however, the plume appears to be migrating off-site into Haags Alley). In addition, the vertical extent of the plume and its impact on bedrock and groundwater present within bedrock has not been defined; however, some bedrock contamination is likely.

The contamination in Area #1 depicted in Figure 5 appears attributable to historic releases associated with the former UST system. Light-weight TPH designated as gasoline and kerosene was detected in soil and groundwater samples from these locations. Some soil samples collected from this area of the Site contained concentrations of VOCs that exceed NYSDEC recommended soil cleanup objectives. Also, groundwater samples from this area of the Site contained concentrations of VOCs that exceed NYSDEC groundwater standards and guidance values. As such, remedial measures appear warranted in order to address this contamination.

Preliminary estimates indicate that the on-site plume of petroleum-impacted overburden soils covers approximately 5,045 ft^2 and has an average thickness of 3 ft (i.e., volume = 15,135 ft^3 = 560 yd^3, weight = 1,008 tons). Based on a correlation of PID readings to available analytical laboratory test results, it is estimated that approximately 75% of the impacted soil (i.e., volume = 11,350 ft^3 = 420 yd^3, weight = 756 tons) exceed NYSDEC TAGM 4046 recommended soil cleanup objectives.

Fill Material

Fill material generally consisting of mixtures of silt, sand, clay, and gravel with lesser amounts of coal, ash, concrete, asphalt, brick, slag and wood was encountered beginning at the ground surface in most of the test borings across the Site. Based on the observation of samples from the 29 test borings, the average thickness of the fill material on the Site is approximately 4.7 feet. The concentrations of arsenic, barium, cadmium, lead, and mercury on one or more samples exceed their recommended soil cleanup objectives and/or typical background ranges as referenced in the NYSDEC TAGM 4046 dated January 2, 1994. The fill material is likely a result of demolition and backfilling former residential structures at the Site and it is possible some of the fill material was sourced off-site. Assuming the fill is present across the Site (33,976.8 ft^2) at an average thickness of 4.7 ft, it is estimated that 5,915 yd^3 (i.e., approximately 10,650 tons) of fill is present on the Site.

3.2 Recommendations

Based on the scope of work conducted as part of this Phase II Environmental Study, the following recommendations are provided:

1. Subsequent to demolition of the existing commercial building and prior to redevelopment, it is recommended that a corrective action plan (CAP) be developed and implemented to address the petroleum contamination that appears attributable to the former on-site gasoline UST system and the stained surface soils. Due to time constraints and other considerations associated with the planned residential redevelopment of the Site, it may be prudent to further characterize, remove, transport off-site, and dispose of the petroleum-impacted soils at an approved facility (i.e., landfill) in accordance with applicable regulations. In addition, groundwater at the Site may likely require remediation (e.g., in-situ biodegradation, etc.) and long-term monitoring or other actions may also be deemed necessary by regulatory agencies.

   The owner of the Site should be made aware of the findings of this Study since the owner may have an obligation to notify regulatory agencies that the findings of this study suggest historic releases of gasoline from the former UST system may have occurred.

   Further subsurface studies appear warranted in order to evaluate environmental conditions in bedrock and groundwater. The degree of these additional studies may be dependent upon factors such as regulatory requirements or construction requirements (i.e., evaluation of deeper conditions prior to construction of sub-grade parking garages, etc.). In addition, future owners, developers, lending institutions, etc. may require additional evaluation of environmental conditions at the Site to further assess the potential risks (monetary, exposure, etc.) that could arise if contamination in the bedrock and underlying groundwater is significant.

2. The environmental management plan (EMP) and health and safety plan (HASP) developed to cover the 14-60 Charlotte Street parcels should be revised to also cover the TPH, VOC, SVOC and heavy metal contamination detected at the Site. This includes contamination associated with stained surface soils, off-site sources of petroleum contamination, the petroleum plume that is likely attributable to the former on-site gasoline UST and the fill material that is located across the Site. The EMP and HASP would in part be used to assist in the proper handling and disposal of contaminated media encountered during redevelopment and to assist in protecting construction workers and nearby residents/occupants of adjoining properties against exposures to Site contaminants. Regulatory agencies should be offered the opportunity to review and comment on the EMP and HASP. It is anticipated that the EMP would include the following actions to address environmental conditions at the Site:

   - Based on the PID readings and analytical laboratory test results for soil and groundwater samples, environmental engineering controls (i.e., vapor barriers, passive or active venting systems, etc.) and institutional controls (e.g., deed restrictions, the City of Rochester Building permit environmental flagging system) appear warranted if new buildings are to be constructed at the Site. The intent of this work should be to prevent VOC vapors in soil or groundwater from volatilizing and contaminating the indoor air inside the new building(s).

   - Confirmatory air sampling and testing should be conducted inside new building(s) subsequent to construction, but prior to occupancy.

- Environmental engineering controls may be required along one or more property boundaries on the Site to mitigate off-site contamination from entering soil or groundwater on Site in the future. Since elevated concentrations of some heavy metals were detected in near-surface fill samples, a layer of clean soil covering the existing fill may be required by regulatory agencies in areas not covered by new buildings or by impervious surfaces (i.e., paved driveways, parking lots, sidewalks, etc.). Surface soil/fill contaminated with elevated concentrations of heavy metals that can not be re-used on-site will likely require removal and off-site disposal at an approved disposal facility (e.g., landfill).
- Contingency plans to address unknown adverse environmental conditions should they arise during demolition and redevelopment activities.

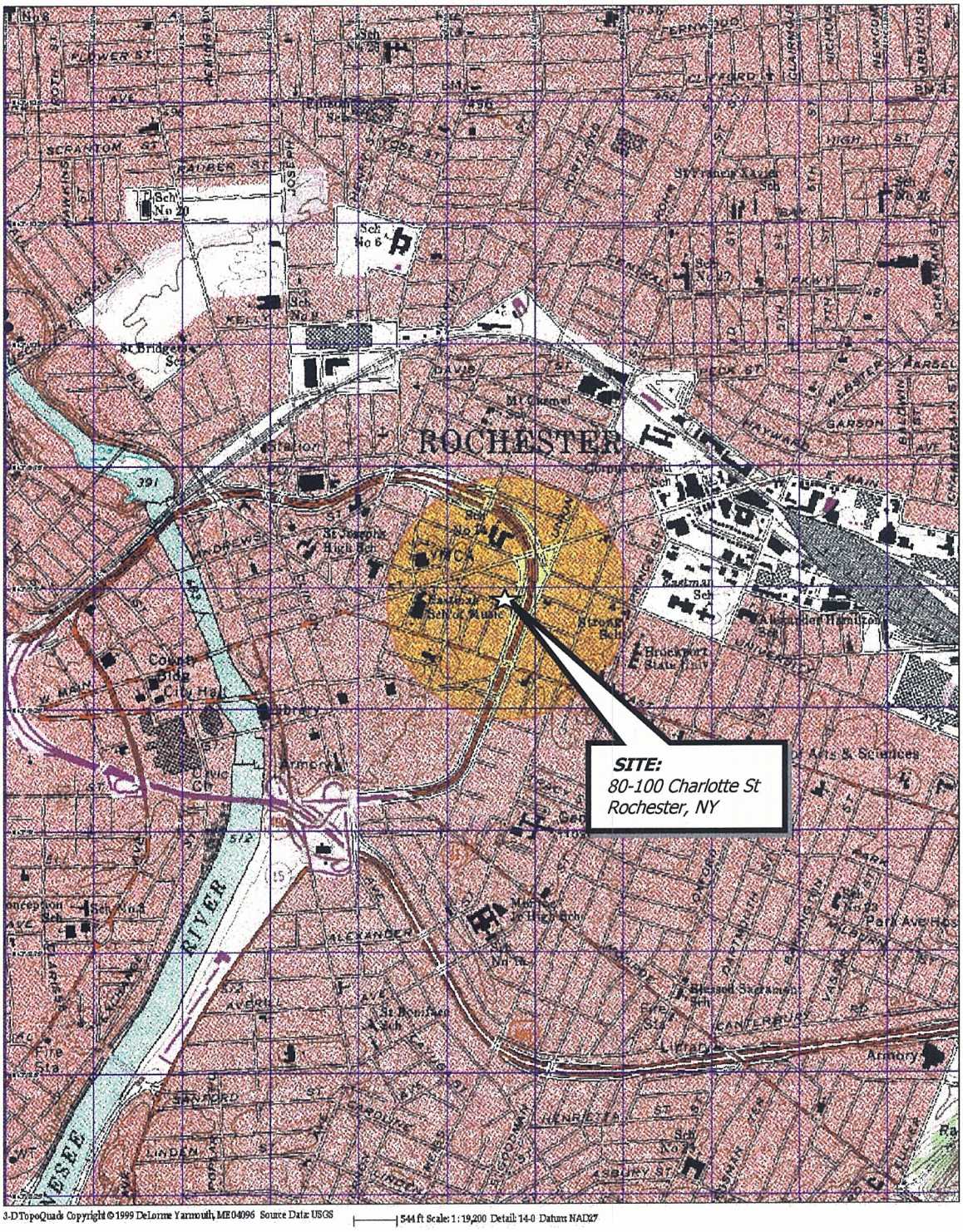
3. It is recommended that any contents in facility floor drains be characterized (i.e., sampled and analyzed), handled and disposed off-site in accordance with applicable regulations when the drains are to be cleaned or prior to demolition of the building.
4. Since the concrete floor is stained in many areas with apparent oil, it may require further characterization prior to demolition to determine proper disposal

4.0 ABBREVIATIONS

BTEX	Benzene, Toluene, Ethylbenzene and Xylene
CAP	Corrective Action Plan
DAY	Day Environmental, Inc.
ELAP	Environmental Laboratory Approval Program
EMP	Environmental Management Plan
ESA	Environmental Site Assessment
HASP	Health and Safety Plan
ID	Inner Diameter
LBP	Lead-Based Paint
LNAPL	Light Non-Aqueous Phase Liquid
mg/Kg	Milligram Per Kilogram
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PCB	Polychlorinated Biphenyls
PID	Photoionization Detector
ppb	Parts Per Billion
ppm	Parts Per Million
PVC	Polyvinyl Chloride
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Concern
SACM	Suspect Asbestos-Containing Material
STARS	Spill Technology and Remediation Series
SVOC	Semi-Volatile Organic Compound
TAGM	Technical and Administrative Guidance Memorandum
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TIC	Tentatively Identified Compound
TPGS	Technical and Operational Guidance Series
TPH	Total Petroleum Hydrocarbons
ug/Kg	Microgram Per Kilogram
ug/l	Microgram Per Liter
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOC	Volatile Organic Compound

APPENDIX A

Figures



Drawing Produced From: 3-D TopoQuads, DeLorme Map Co., referencing USGS quad map Rochester East (NY) 1995. Site Lat/Long: N43°09.48' – W77°35.83'

DATE 07-11-2002 DRAWN BY Jad SCALE 1" = 2000'	day DAY ENVIRONMENTAL, INC. ENVIRONMENTAL CONSULTANTS ROCHESTER, NEW YORK 14614-1008	PROJECT TITLE 80-100 CHARLOTTE STREET ROCHESTER, NY PHASE II ENVIRONMENTAL STUDY DRAWING TITLE PROJECT LOCUS MAP	PROJECT NO. 2957S-02 FIGURE 1

Ref4:
Ref5:
Ref6:

Ref1: CharlotteBase-1
Ref2: TBplan-1
Ref3:

HAAGS ALLEY

Right-Of-Way Line, Typical

MW-2 (TB-8) 45.2ppm(7.5')
SS-2
Gravel
TB-9 0.0ppm
SS-1
TB-7 0.0ppm
MW-3 (TB-24) 278ppm (10.5')
TB-18 183ppm (10.5')
TB-4 748ppm (7')
Asphalt
Asphalt Patch From Tank Removal
TB-26 0.0ppm
MW-1 (TB-3) 1336ppm (7.5')
TB-25 4.4ppm (7.5')
TB-12 0.0ppm
TB-10 0.0ppm
TB-11 0.0ppm
TB-27 139ppm (8')
TB-28 0.0ppm
Asphalt

Property Line, Typical

TB-17 462ppm (9')
TB-23 775ppm (7.5')
C-4
C-3
TB-6 622ppm (8')
C-5
MW-4 (TB-14) 1387ppm (8')
C-2
TB-1 11.7ppm (0.5')
C-1 (7.5')
TB-2 387ppm
TB-13 0.0ppm
TB-5 3.0ppm (2')
TB-5A 0.0ppm
C-6
TB-22 0.0ppm
C-7
TB-21 0.0ppm
TB-19 0.0ppm
C-8
TB-20 0.0ppm
TB-16 0.0ppm
TB-15 0.0ppm

PITKIN STREET

#80-100

CHARLOTTE STREET

SITE PLAN
1" = 30'

NOTES

1. Site plan produced from a tax map of The City Of Rochester; an architectural drawing for Vanderlinde Electric Corp, drawing number B-1, Site Plan, dated 3-12-1962; and notes of site visit by representatives of Day Environmental, Inc. On 6-07-2002.
2. Locations of test borings and sample points tape-measured from existing site structures, and are considered accurate to the degree implied by the method used.

LEGEND

MW-4 (TB-14) ⊕	Overburden groundwater monitoring well
TB-23 ⊕ 775ppm (7.5')	Test boring location with label and peak photoionization detector (PID) readings in parts per million (PPM)
C-4 ●	Concrete core sample location with label
SS-2 ⊕	Soil sample location with label

FIELD VERIFIED BY	JAD
DATE	06-2002
DRAWN BY	Tww
DATE DRAWN	06-2002
SCALE	1" = 30'
DATE ISSUED	07-29-2002

day
DAY ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS
ROCHESTER, NEW YORK 14614-1008

PROJECT TITLE
80 - 100 CHARLOTTE STREET
ROCHESTER, NY

PHASE II ENVIRONMENTAL STUDY

DRAWING TITLE
Test Boring and Sample Location Plan

PROJECT NO.
2957S-02

FIGURE 2

Xerox432AnsiB-2; 11 x 17

Time Plotted: Mon July 29 15:40 2002
File Name: Rocity\2957\2957-1.dwg

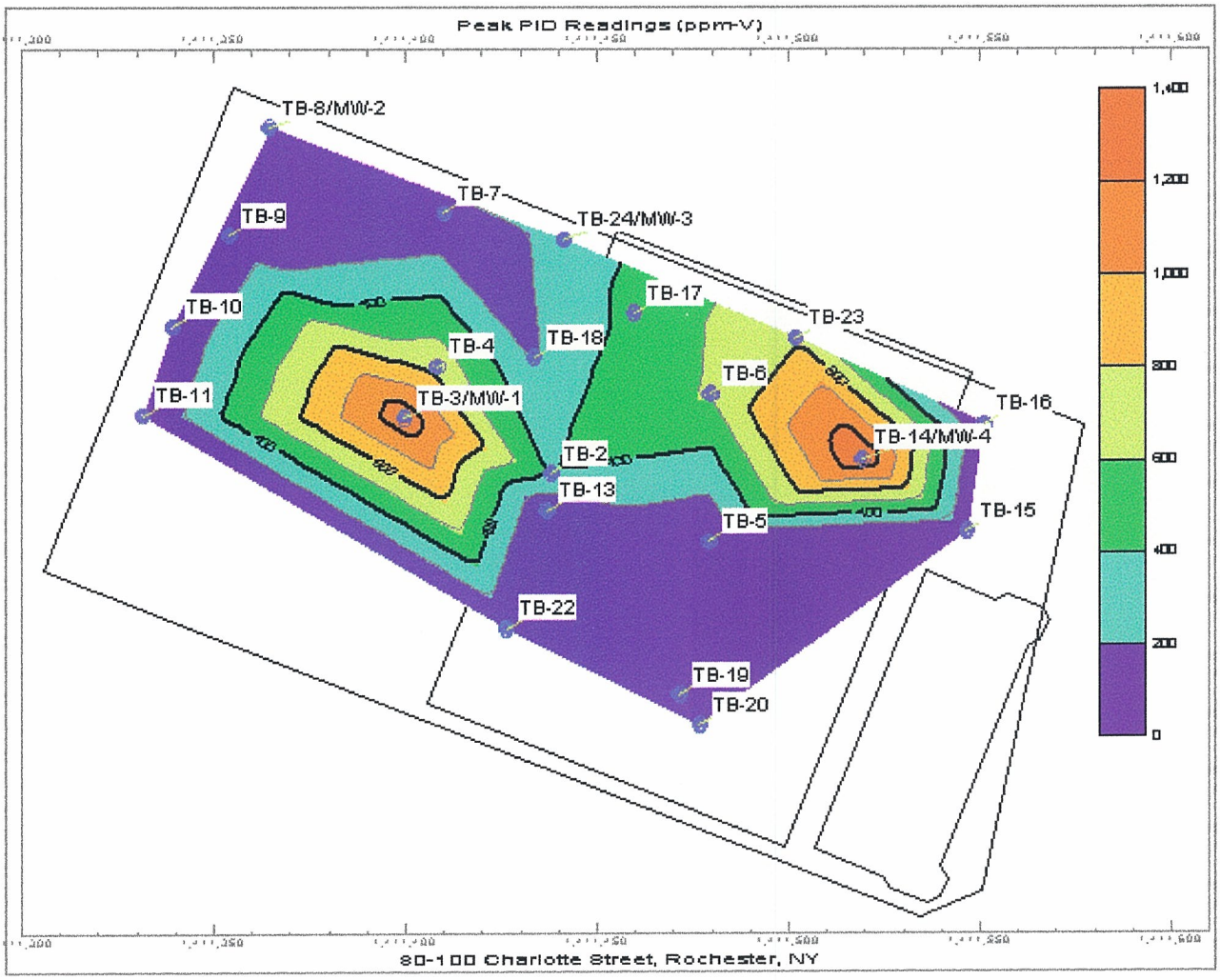
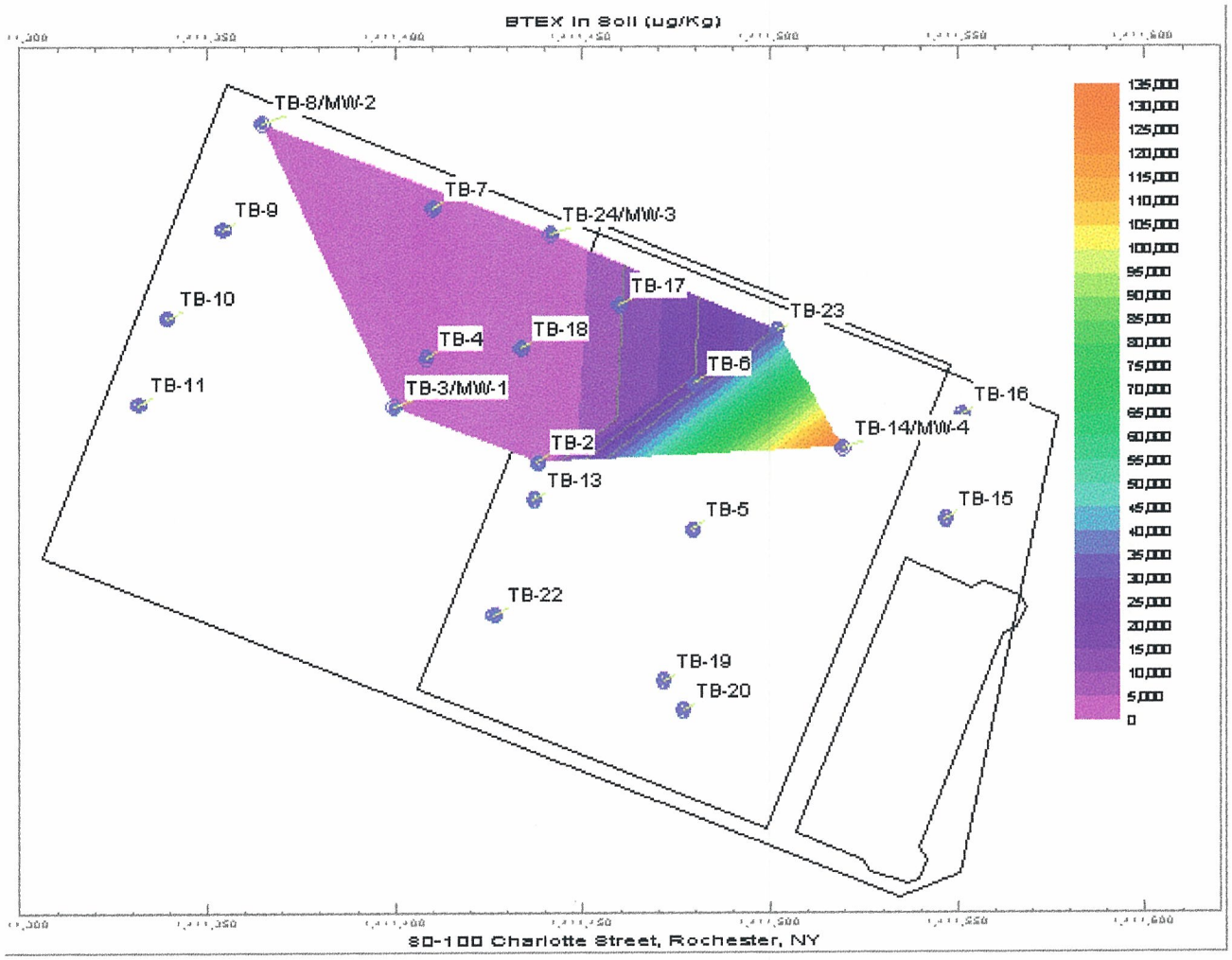


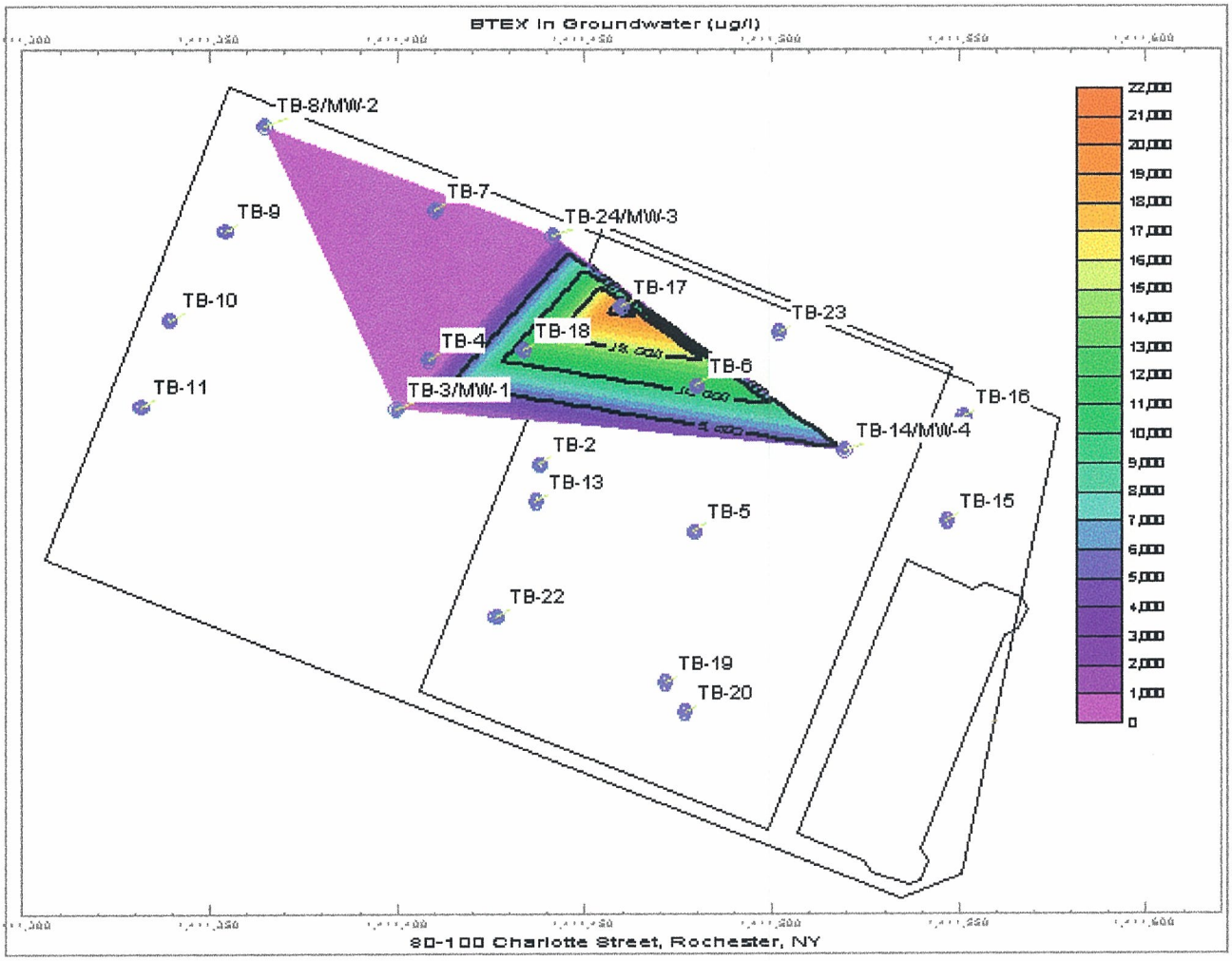
Figure Produced by City of Rochester Using the Stratos98 software program.

DATE 07-26-2002 DRAWN BY Jad SCALE NTS	DAY ENVIRONMENTAL, INC. ENVIRONMENTAL CONSULTANTS ROCHESTER, NEW YORK 14614-1008	PROJECT TITLE 80-100 CHARLOTTE STREET ROCHESTER, NY PHASE II ENVIRONMENTAL STUDY DRAWING TITLE Peak PID Readings on Soil Samples	PROJECT NO. 2957S-02 FIGURE 2A



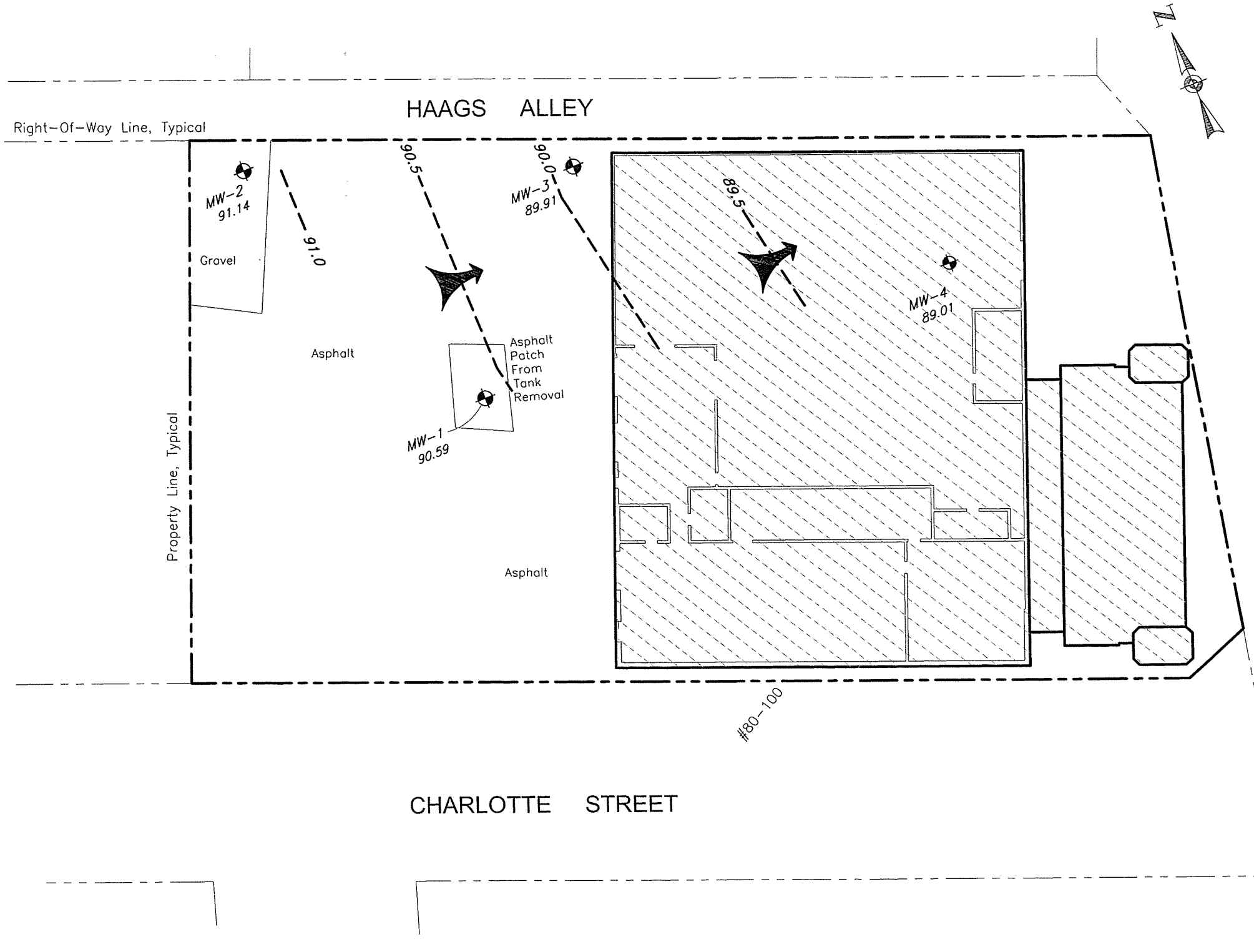
BTEX = Cumulative concentration of Benzene, Toluene, Ethylbenzene and Xylene.
Figure Produced by City of Rochester Using the Stratos98 software program.

DATE 07-26-2002 DRAWN BY Jad SCALE NTS	day DAY ENVIRONMENTAL, INC. ENVIRONMENTAL CONSULTANTS ROCHESTER, NEW YORK 14614-1008	PROJECT TITLE 80-100 CHARLOTTE STREET ROCHESTER, NY PHASE II ENVIRONMENTAL STUDY DRAWING TITLE Total BTEX in Soil Samples	PROJECT NO. 2957S-02 FIGURE 2B



BTEX = Cumulative concentration of Benzene, Toluene, Ethylbenzene and Xylene.
Figure Produced by City of Rochester Using the Stratos98 software program.

DATE 07-26-2002 DRAWN BY Jad SCALE NTS	DAY ENVIRONMENTAL, INC. ENVIRONMENTAL CONSULTANTS ROCHESTER, NEW YORK 14614-1008	PROJECT TITLE 80-100 CHARLOTTE STREET ROCHESTER, NY PHASE II ENVIRONMENTAL STUDY DRAWING TITLE Total BTEX in Groundwater Samples	PROJECT NO. 2957S-02 FIGURE 2C



SITE PLAN
1" = 30'

NOTES

1. Site plan produced from a tax map of The City Of Rochester; an architectural drawing for Vanderlinde Electric Corp, drawing number B-1, Site Plan, dated 3-12-1962; and notes of site visit by representatives of Day Environmental, Inc. On 6-07-2002.
2. Locations of test borings and sample points tape-measured from existing site structures, and are considered accurate to the degree implied by the method used.

LEGEND

MW-3 89.91 — Overburden groundwater monitoring well with groundwater elevation measured on 6-24-2002

90.5 — Potentiometric groundwater contour with elevation label

Apparent direction of groundwater flow

FIELD VERIFIED BY	JAD
DATE	06-2002
DRAWN BY	Tww
DATE DRAWN	06-2002
SCALE	1" = 30'
DATE ISSUED	07-29-2002

day
DAY ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS
ROCHESTER, NEW YORK 14614-1008

PROJECT TITLE
80 - 100 CHARLOTTE STREET
ROCHESTER, NY

PHASE II ENVIRONMENTAL STUDY

DRAWING TITLE
Groundwater Potentiometric Map For June 24, 2002

PROJECT NO.
2957S-02

FIGURE 3

Ref1: CharlotteBase-1
Ref2: GWplan-1
Ref3:
Ref4:
Ref5:
Ref6:

Xerox432AnsiB-2; 11 x 17

Time Plotted: Mon July 29 15:55 2002
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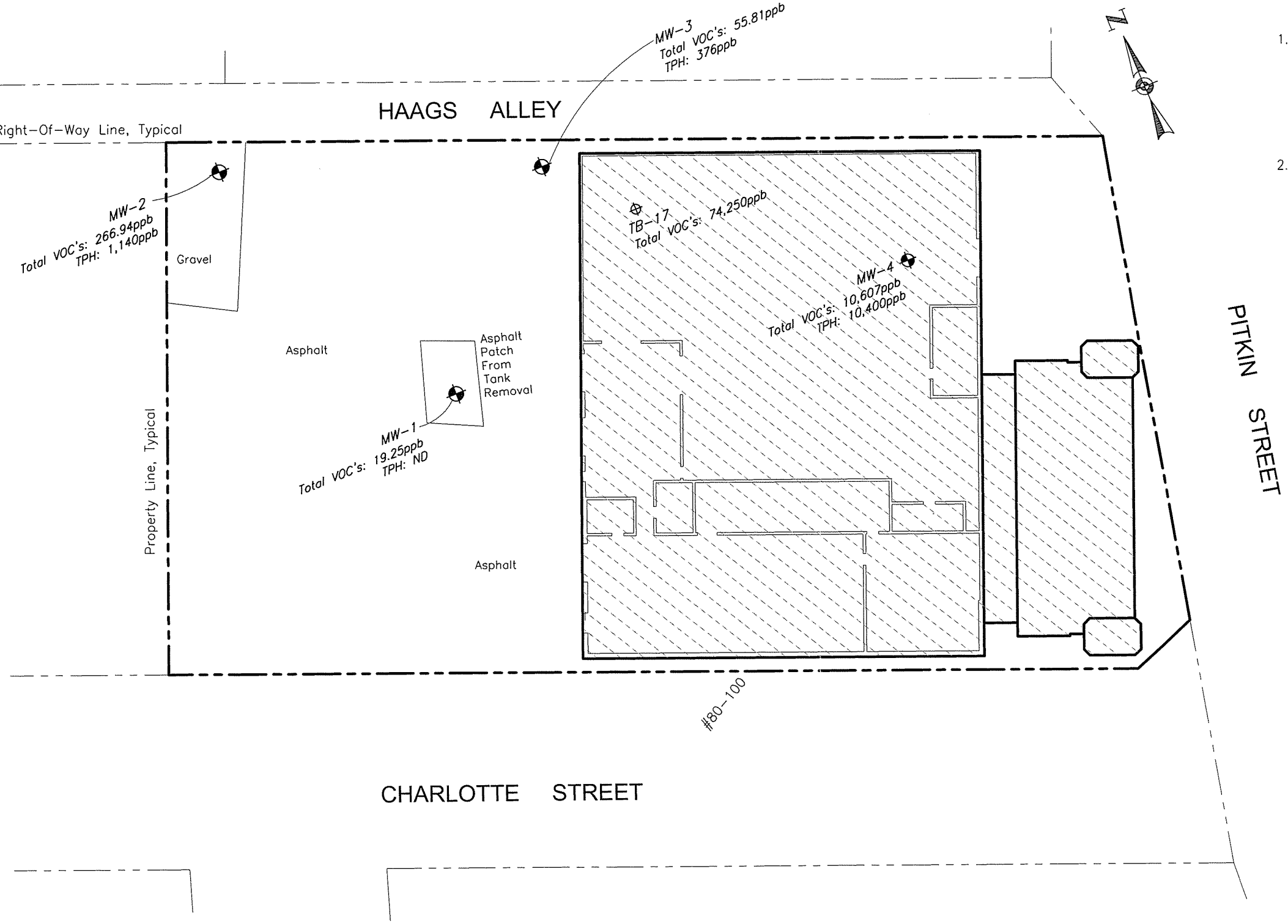


SITE PLAN
1" = 30'

NOTES

1. Site plan produced from a tax map of The City Of Rochester; an architectural drawing for Vanderlinde Electric Corp, drawing number B-1, Site Plan, dated 3-12-1962; and notes of site visit by representatives of Day Environmental, Inc. On 6-07-2002.
2. Locations of test borings and sample points tape-measured from existing site structures, and are considered accurate to the degree implied by the method used.

LEGEND

MW-3 *Total VOC's: 55.81ppb* *TPH: 376ppb*	Overburden groundwater monitoring well with total volitile organic compounds (VOC's) and TPH test results
TB-17 *Total VOC's: 74,250ppb*	Test Boring with total volitile organic compounds (VOC's) test results
ND	Not Detected at concentrations above reported analytical laboratory detection limits

FIELD VERIFIED BY	JAD
DATE	06-2002
DRAWN BY	Tww
DATE DRAWN	06-2002
SCALE	1" = 30'
DATE ISSUED	07-29-2002

day
DAY ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS
ROCHESTER, NEW YORK 14614-1008

PROJECT TITLE
80 - 100 CHARLOTTE STREET
ROCHESTER, NY

PHASE II ENVIRONMENTAL STUDY

DRAWING TITLE
Total VOC's and TPH
In Groundwater Samples

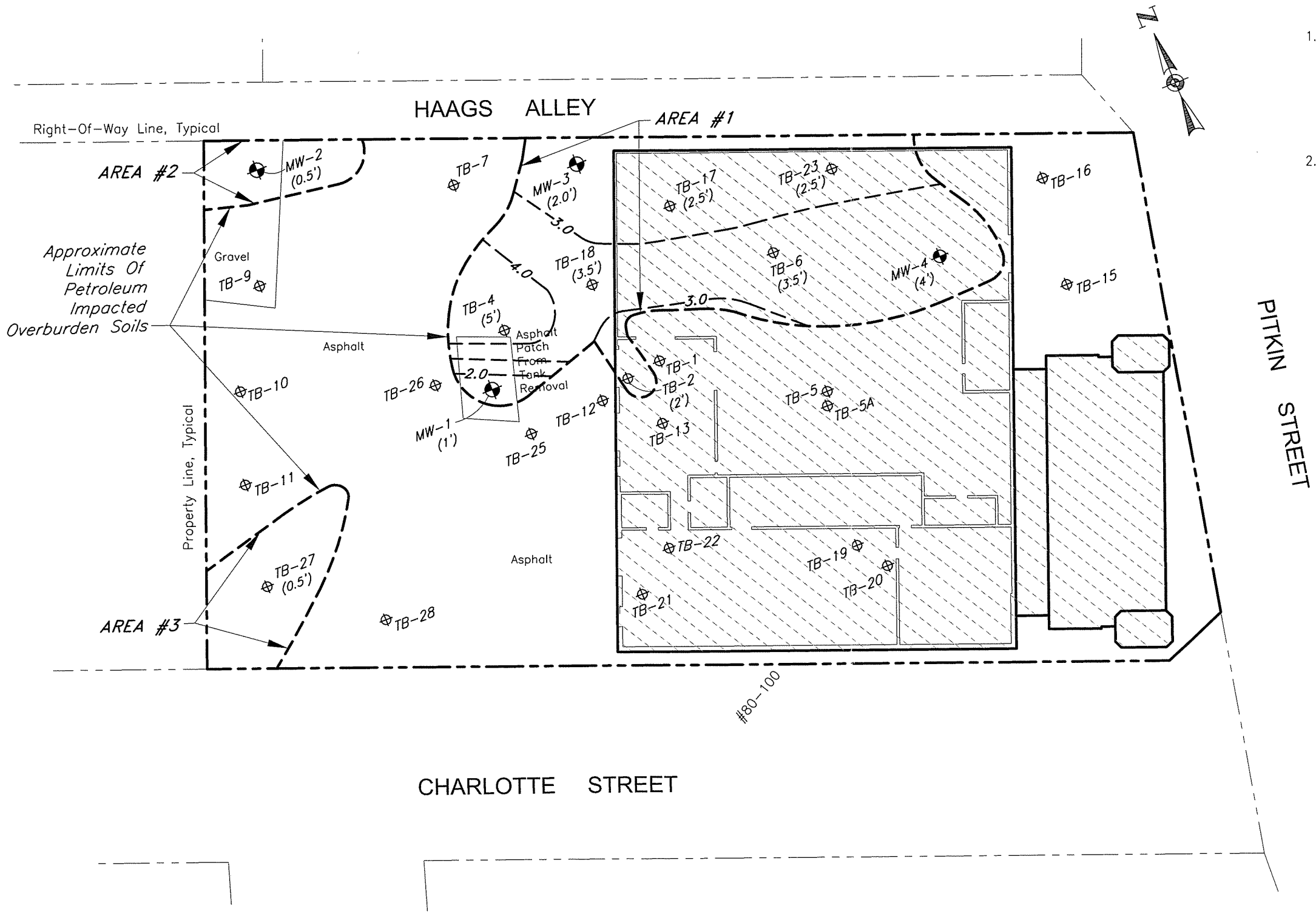
PROJECT NO.
2957S-02

FIGURE 4

Ref1: CharlotteBase-1
Ref2: VOCplan-1
Ref3:
Ref4:
Ref5:
Ref6:

Xerox432AnsiB-2; 11 x 17

Time Plotted: Mon July 29 16:45 2002
File Name: Rocity\2957\2957-3.dwg



SITE PLAN
1" = 30'

NOTES

1. Site plan produced from a tax map of The City Of Rochester; an architectural drawing for Vanderlinde Electric Corp, drawing number B-1, Site Plan, dated 3-12-1962; and notes of site visit by representatives of Day Environmental, Inc. On 6-07-2002.
2. Locations of test borings and sample points tape-measured from existing site structures, and are considered accurate to the degree implied by the method used.

LEGEND

MW-3 (2.0')	Overburden groundwater monitoring well with thickness of petroleum impacted overburden soils
TB-18 (3.5')	Test Boring with thickness of petroleum impacted overburden soils
2.0	Petroleum Impacted overburden soil contour with thickness label

FIELD VERIFIED BY	JAD
DATE	06-2002
DRAWN BY	Tww
DATE DRAWN	06-2002
SCALE	1" = 30'
DATE ISSUED	07-30-2002

day
DAY ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS
ROCHESTER, NEW YORK 14614-1008

PROJECT TITLE
80 - 100 CHARLOTTE STREET
ROCHESTER, NY

PHASE II ENVIRONMENTAL STUDY

DRAWING TITLE
Approximate Limits and Thickness of Petroleum-Impacted Overburden Soils

PROJECT NO.
2957S-02

FIGURE 5

Ref1: CharlotteBase-1
Ref2: PetroPlan-1
Ref3:
Ref4:
Ref5:
Ref6:

Xerox432AnsiB-2; 11 x 17

Time Plotted: Tue July 30 09:50 2002
File Name: Rocity\2957\2957-4.dwg

APPENDIX B

Tables

TABLE 1

GROUNDWATER ELEVATION DATA FOR JUNE 24, 2002

80-100 Charlotte Street
Rochester, New York

WELL ID	CURB BOX ELEVATION (FT)	ELEVATION OF PVC WELL CASING (FT)	STATIC WATER LEVEL (SWL) MEASUREMENT (FT)	GROUNDWATER ELEVATION (FT)
MW-1	96.78	96.57	5.98	90.59
MW-2	97.62	97.40	6.26	91.14
MW-3	96.84	96.62	6.71	89.91
MW-4	97.56	97.34	8.33	89.01

NOTE: Elevations based on assumed Project Benchmark elevation of 100.00 feet

SWL measurements were collected from the north side of the PVC well casing.

TABLE 2

80 – 100 CHARLOTTE STREET
ROCHESTER, NEW YORK

MERCURY IN CONCRETE FLOOR SAMPLES (mg/kg)

SAMPLE DESIGNATION AND LOCATION	MERCURY (mg/kg)
2957/C-1	ND (0.0448)
2957/C-4	ND (0.0596)
2957/C-5	ND (0.0531)
2957/C-6	ND (0.0575)

ND = Not detected at the detection limits shown in parentheses.

TABLE 3

80 – 100 CHARLOTTE STREET
ROCHESTER, NEW YORK

PCB'S IN SOIL SAMPLES AND CONCRETE FLOOR SAMPLES

TOTAL POLYCHLORINATED BIPHENYLS (PCB) IN (mg/Kg)

SAMPLE DESIGNATION AND LOCATION	TOTAL (PCB)
2957/C-1	ND (0.646)
2957/C-2	ND (0.593)
2957/C-3	ND (0.580)
2957/C-4	ND (0.508)
2957/C-5	ND (0.642)
2957/C-6	ND (0.589)
2957/C-7	ND (0.409)
2957/C-8	ND (0.543)
2957-01/SS-1	ND (0.362)
2957-02/SS-2	ND (0.394)
2957-04/TB-11 (3')	ND (0.458)
2957-05/TB-14 (3')	ND (0.428)
2957-08/TB-22 (0-2')	ND (0.587)
2957-09/TB-2 (3-4')	ND (0.380)

ND = Not detected at the detection limits shown in parentheses.

TABLE 4

80 – 100 CHARLOTTE STREET
ROCHESTER, NEW YORK

ANALYTICAL LABORATORY PROGRAM FOR
SOIL AND FILL MATERIAL SAMPLES

Sample Number/Location	Matrix	Analysis
2957S-03 from TB-24 (1-2')	Fill	RCRA Metals
2957S-04 from TB-11 (3')	Fill	RCRA Metals / 8082
2957S-05 from TB-14 (3')	Fill	RCRA Metals / 8082
2957S-06 from TB-12 (3.5-4')	Fill	RCRA Metals / TCLP Metals
2957S-07 from TB-20 (2')	Fill	RCRA Metals
2957S-08 from TB-22 (0-2')	Fill	8082
2957S-09 from TB-2 (3-4')	Fill	8082
2957S-10 from TB-28 (7.5')	Soil	RCRA Metals
2957S-11 from TB-8 (7')	Soil	8260 / 310.13
2957S-12 from TB-27 (8.5')	Soil	8260 / 8270 / 310.13
2957S-13 from TB-3 (7-8')	Soil	8260 / 8270 / 310.13
2957S-14 from TB-4 (7.5')	Soil	8260 / 8270 / 310.13
2957S-15 from TB-2 (7.5-8')	Soil	8260 / 310.13
2957S-16 from TB-24 (8-10')	Soil	8260 / 8270 / 310.13
2957S-17 from TB-17 (9')	Soil	310.13
2957S-18 from TB-23 (9')	Soil	8260 / 8270 / 310.13
2957S-19 from TB-18 (9-11')	Soil	310.13
2957S-20 from TB-14 (8')	Soil	8260 / 310.13

8260 = USEPA Method 8260 TCL and STARS-list volatile organic compounds
8270 = USEPA Method 8270 BN STARS-list semi-volatile organic compounds
8082 = USEPA Method 8082 polychlorinated biphenyls (PCBs)
310.13 = NYSDOH Method 310.13 total petroleum hydrocarbons
RCRA Metals = USEPA Methods 6010 and 7471 total RCRA metals
TCLP Metals = Toxicity Characteristic Leaching Procedure with USEPA Methods 6010 and 7471 analyzed on the resulting extraction

TABLE 5

80-100 CHARLOTTE STREET
ROCHESTER, NEW YORK

SUMMARY OF TOTAL PETROLEUM HYDROCARBONS (TPH) IN SOIL SAMPLES

RESULTS IN MG/KG OR PARTS PER MILLION (PPM)

SAMPLE DESIGNATION AND LOCATION	TPH TEST RESULTS	
	CONCENTRATION	HYDROCARBON WEIGHT
2957-01 / SS-1	5940	HW (lube oil)
2957-02 / SS-2	5450	HW (lube oil)
2957-11 / TB-8 @ 7.0'	ND	
2957-12 / TB-27 @ 8.5'	ND	
2957-13 / TB-3 @ (7.0-8.0)'	213	MW (kerosene)
2957-14 / TB-4 @ 2.5'	ND	
2957-15 / TB-2 @ (7.5-8.0)'	22.7	LW (gasoline)
2957-16 / TB-24 @ (8.0-10.0)'	34	LW (gasoline)
2957-17 / TB-17 @ 9.0'	ND	
2957-18 / TB-23 @ 9.0'	57.2	MW (kerosene)
2957-19 / TB-18 @ (9.0-11.0)'	48	MW (kerosene)
2957-20 / TB-14 @ 8.0'	2110	MW (kerosene)

LW = Light Weight hydrocarbons (e.g., gasoline)
MW = Medium Weight hydrocarbons (e.g., kerosene)
HW = Heavy Weight hydrocarbons (e.g., lube oil)
ND = Not detected above reported analytical laboratory detection limits
Note = Regulatory cleanup criteria for TPH is not available

TABLE 6

80-100 CHARLOTTE STREET
ROCHESTER, NEW YORK

SUMMARY OF DETECTED SEMI-VOLATILE ORGANIC COMPOUNDS IN SOIL SAMPLES

RESULTS REPORTED IN UG/KG OR PARTS PER BILLION (PPB)

DETECTED COMPOUDS	RECOMMENDED SOIL CLEANUP OBJECTIVES (1)	2957-01 / SS-1	2957-12 / TB-27 @ 8.5'	2957-13 / TB-3 @ (7.0-8.0)'	2957-14 / TB-4 @ 2.5'	2957-16 / TB-24 @ (8.0-10.0)'	2638-18 / TB-23 @ 9.0'
Naphthalene	13000	ND	ND	531	ND	ND	2530
Benzo (b) flouranthene	1100	**3460**	ND	ND	ND	ND	ND
Flouranthene	50000	5550	ND	ND	ND	ND	ND
Phenanthrene	50000	3150	ND	ND	ND	ND	ND
Pyrene	50000	5700	ND	ND	ND	ND	ND
Total SVOC's	500000	17860	0	531	0	0	2530

(1) = Recommended soil cleanup objectives as referenced in January 1994, Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels as amended by the NYSDSEC Table 1 dated December 2000.

ND = Not Detected above reported analytical laboratory detection limits

Bolded and underlined denotes exceedance of the NYSDEC recommended soil cleanup objective.

TABLE 7

80-100 CHARLOTTE STREET
ROCHESTER, NEW YORK

SUMMARY OF TOTAL RCRA METALS IN SOIL SAMPLES

RESULTS IN MG/KG OR PARTS PER MILLION (PPM)

DETECTED COMPOUNDS	RECOMMENDED SOIL CLEANUP OBJECTIVES (1)	TYPICAL BACKGROUND RANGE (1)	SAMPLE DESIGNATION AND LOCATION						
			2957-01 SS-1	2957-03 TB-24 @ (1.0-2.0)'	2957-04 TB-11 @ 3.0'	2957-05 TB-14 @ 3.0'	2957- 06 TB-12 @ (3.5-4.0)'	2957- 07 TB-20 @ 2.0'	2957- 10 TB-28 @ 7.5"
Arsenic	7.5 or SB	3 - 12	3.73	**15.9**	6.99	**7.73**	**15.5**	**8.06**	6.21
Barium	300 or SB	15 - 600	21.3	171	54.0	88.3	**733**	271	22.6
Cadmium	10*	0.1 - 1	**1.09**	**1.55**	ND(<0.454)	0.533	**2.99**	0.882	ND(<0.344)
Chromium	50*	1.5 - 40	5.42	10.0	6.64	8.21	14.2	7.41	3.65
Lead	SB	200 - 500**	21.6	**519**	103	195	242	422	2.95
Mercury	0.1	0.001 - 0.2	ND(<0.084)	**2.82**	**0.124**	**0.765**	**0.417**	**0.397**	ND(<0.078)
Selenium	2 or SB	0.1 - 3.9	ND(<0.405)	ND(<0.501)	ND(<0.454)	ND(<0.481)	ND(<0.565)	ND(<0.452)	ND(<0.344)
Silver	SB	NA	1.37	ND(<1.00)	ND(<0.908)	ND(<0.962)	1.60	ND(<0.905)	ND(<0.688)

SB = Site background
ND = Not detected above reported laboratory detection limits.
(1) = Recommended soil cleanup objective and typical background ranges as referenced in the NYSDEC January 1994, Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels (TAGM 4046).
* = 1995 TAGM 4046 "proposed" recommended soil cleanup objective for cadmium and chromium
** = Average background range in metropolitan or suburban areas or near highways as referenced in TAGM 4046
NA = Not available

Bolded and underlined denotes exceedance of the NYSDEC recommended soil cleanup objective and/or typical background range.

TABLE 8

80 – 100 CHARLOTTE STREET
ROCHESTER, NEW YORK

SUMMARY OF DETECTED VOLATILE ORGANIC COMPOUNDS IN SOIL SAMPLES

RESULTS REPORTED IN UG/KG OR PARTS PER BILLION (PPB)

DETECTED COMPOUNDS	RECOMMENDED SOIL CLEANUP OBJECTIVES (1)	2957-11/ TB-8 (7')	2957-12/ TB-27 (8.5')	2957-13/ TB-3 (7-8')	2957-14/ TB-4 (7.5')	2957-15/ TB-2 (7.5-8')	2957-16/ TB-24 (8-10')	2957-18/ TB-23 (9')	2957-20/ TB-14 (8')
Ethylbenzene	5500	ND	ND	275	13.8	ND	ND	5440	**34600**
tert- Butylbenzene	10000	ND	ND	ND	ND	ND	ND	ND	**20800**
Total Xylenes	1200	ND	ND	955	27.7	ND	ND	**25130**	**99400**
Isopropylbenzene	2300	ND	ND	205	ND	ND	ND	1720	**9030**
n-Propylbenzene	3700	ND	ND	784	ND	ND	ND	**8480***	**40800**
1,3,5-Trimethylbenzene	3300	10.6	ND	2020	ND	ND	ND	**13200***	**60500**
1,2,4-Trimethylbenzene	10000	44.9	20.5	5460	52.7	ND	ND	**42500***	**217000**
sec-Butylbenzene	10000	ND	ND	88.7	ND	ND	ND	1200	5730
p-Isopropyltoluene	10000	ND	ND	312	ND	ND	16.2	2940	**13800**
Naphthalene	13000	ND	ND	ND	ND	ND	ND	323	ND
Total TICS	NA	497.2	171.8	NT	1491.5	4072.5	4706	NT	NT
Total VOC's	10000	552.7	192.3	**10099.7**	1585.7	4072.5	4722.2	**100933**	**501660**

(1) = Recommended soil cleanup objectives as referenced in the January 1994, Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels as amended by NYSDEC Table 1 dated December, 2000.

* = Denotes estimated value. Sample concentration exceeds calibration range.

NA = Not Available

NT = Not Tested

ND = Not detected above reported analytical laboratory detection limits

Bolded and underlined denotes exceedance of the NYSDEC recommended soil cleanup objective.

TABLE 9

80-100 CHARLOTTE STREET
ROCHESTER, NEW YORK

SUMMARY OF TOTAL PETROLEUM HYDROCARBONS (TPH)
IN GROUNDWATER SAMPLES

RESULTS IN UG/L OR PARTS PER BILLION (PPB)

SAMPLE DESIGNATION AND LOCATION	TPH TEST RESULTS	
	TOTAL CONCENTRATION	HYDROCARBON WEIGHT
2957-MW-1	ND	
2957-MW-2	1140	LW (gasoline)
2957-MW-3	376	LW (gasoline)
2957-MW-4	10400	LW (gasoline)

LW = Light Weight hydrocarbons (e.g., gasoline)
ND = Not detected above reported analytical laboratory detection limits
Note = Recommended cleanup criteria not available

TABLE 10

80 – 100 CHARLOTTE STREET
ROCHESTER, NEW YORK

SUMMARY OF DETECTED VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER SAMPLES

RESULTS REPORTED IN UG/L OR PARTS PER BILLION (PPB)

DETECTED COMPOUNDS	RECOMMENDED SOIL CLEANUP OBJECTIVES (1)	2957-21/ TB-17*	2957-MW-1	2957-MW-2	2957-MW-3	2957-MW-4
n- Butylbenzene	5	ND	ND	**54.5**	**11.1**	ND
Benzene	1	ND	ND	ND	**1.22**	ND
Ethylbenzene	5	**4860**	ND	4.66	**5.62**	**1570**
tert- Butylbenzene	5	ND	ND	ND	ND	**337**
Total Xylenes	5	**16450**	**6.74**	**5.78**	**10.9**	**3260**
Isopropylbenzene	5	**1760**	ND	**16.9**	3.97	**209**
n-Propylbenzene	5	**7290**	2.04	**45.0**	**8.80**	**589**
1,3,5-Trimethylbenzene	5	**8130**	2.34	**20.6**	ND	**602**
1,2,4-Trimethylbenzene	5	**32800**	**8.13**	**80.6**	**8.41**	**2530**
sec-Butylbenzene	5	**1040**	ND	**24.7**	**5.79**	**1510**
p-Isopropyltoluene	5	**1920**	ND	**14.2**	ND	ND
Total VOC's	NA	74250	19.25	266.94	55.81	10607

(1) = Ambient groundwater standards and guidance values as referenced from the Division of Water Technical and Operational Guidance Series (TOGS 1.1.1) dated June, 1998

* = Denotes a grab sample of water at test boring 17.

ND = Not detected above reported analytical laboratory detection limits

NA = Not Available

Bolded and underlined denotes exceedance of the NYSDEC recommended ground water standard or guidance value.

APPENDIX C

Test Boring Logs and Groundwater Monitoring Well Logs

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-1

Project: 80-100 Charlotte St.
DAY Representative: A. Farrell
Drilling Contractor: SLC Environmental Services
Drilling Rig: Truck Mounted Earth Probe 200
Sampling Method: Direct Push
Completion Method: Backfilled with cuttings;cap w/concrete

Project No: 2957S-02
Boring Location: See Site Plan
Ground Surface Elevation: NA **Datum:** NA
Start Date: 06/05/02 **Completion Date:** 06/05/02
Borehole Diameter: 2.25 inches **Borehole Depth:** 8.0'
Water Level: Not Encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						11.7		6" concrete
								Black Ash, Coal, Slag (FILL), damp
2	NA	S-1	0-4	75	NA	1.7		Sand, Silt, Clay, Brick (FILL), damp
3						0.0		
4						0.0		Dark Brown Sandy SILT, damp
5						0.0		
6	NA	S-2	4-8	75	NA	0.0		Light Brown Sandy SILT, some Gravel, damp
7						0.0		Light Brown Silty SAND, some Gravel, damp
8						0.0		... fractured rock in cutting shoe
9								Refusal @ 8.0'
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 2957s1.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-2

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Truck Mounted Earth Probe 200
Start Date: 06/05/02
Completion Date: 06/05/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 8.5'
Completion Method: Backfilled with cuttings;cap w/concrete
Water Level: 8.0'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		4" concrete
2	NA	S-1	0-4	80	NA	0.0 12.7		Concrete Powder, Sand, Silt, Clay, Brick, Slag (FILL), damp
3						20.6		
4						0.0		Dark Brown Sandy SILT, damp
5						0.0		Light Brown Sandy SILT, some Gravel, damp
6	NA	S-2	4-8	65	NA	59.3		
7						387		Light Brown Silty SAND, some Gravel, moist ... black staining, strong petroleum-like odor
8	NA	S-3	8-8.5	20	NA	NA		... wet, black staining
9								Refusal @ 8.5'
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 2957s2.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-3 (MW-1)

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: 96.78'
Datum: 100.00'
Drilling Rig: Truck Mounted Earth Probe 200
Start Date: 06/05/02
Completion Date: 06/07/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 8.0'
Completion Method: 1" ID PVC Well
Water Level: 6.5'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
0						0.0		3" Asphalt
1								Sand, Clay, Silt, Asphalt, Gravel (FILL), damp
2	NA	S-1	0-4	50	NA	0.0		
3						0.0		Brown Silty SAND (FILL), damp
4						0.0		
5						0.0		
6	NA	S-2	4-8	50	NA	0.0		... wet
7								... moist
8						1336		... black staining, strong petroleum-like odor ... fractured rock in cutting shoe
9								Refusal @ 8.0'
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 2957s3.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-4

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Truck Mounted Earth Probe 200
Start Date: 06/05/02
Completion Date: 06/05/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 7.5'
Completion Method: Backfilled with cuttings;cap w/asphalt
Water Level: Not Encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
0						8.0		3" Asphalt
1								Sand, Silt, Clay, Gravel
2	NA	S-1	0-4	90	NA	8.3		
						20.4		... petroleum odor
3								Dark Brown Sandy SILT, some Clay, damp
4						11.7		
5	NA	S-2	4-7.5	80	NA	74.7		... Light Brown Sandy SILT, damp
6								
7						748		... gray staining
8								Refusal @ 7.5'
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 2957s4.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-5

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Truck Mounted Earth Probe 200
Start Date: 06/05/02
Completion Date: 06/05/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 4.0'
Completion Method: Backfilled with cuttings;cap w/concrete
Water Level: Not Encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						2.4		4" concrete Dark Brown Sand, Silt, Clay, Gravel, Ash, Brick (FILL), damp
2	NA	S-1	0-4	70	NA	3.0		
3						0.5		
4								Refusal @ 4.0'
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 2957s5.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-5A

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Truck Mounted Earth Probe 200
Start Date: 06/05/02
Completion Date: 06/05/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 8.5'
Completion Method: Backfilled with cuttings;cap w/concrete
Water Level: Not Encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		4" concrete
2	NA	S-1	0-4	90	NA	0.0		Brown Sand, Silt, Gravel, Ash, Brick (FILL), damp
3						0.0		
4						0.0		
5						0.0		Brown Sandy SILT, damp
6	NA	S-2	4-8.5	80	NA	0.0		... some Gravel
7						0.0		
8						0.0		Brown Silty SAND, some Gravel, moist
9								Refusal @ 8.5'
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 2957s5A.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-6

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Truck Mounted Earth Probe 200
Start Date: 06/05/02
Completion Date: 06/05/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 9.5'
Completion Method: Backfilled with cuttings;cap w/concrete
Water Level: Not Encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		4" concrete
2	NA	S-1	0-4	60	NA	0.0		Sand, Silt, Ash, Gravel, Asphalt, Wood (FILL), damp
3						0.0		
4						0.0		
5						0.0		Brown Sandy SILT, damp
6						20.1		
7	NA	S-2	4-9.5	95	NA	132		
8						622		Light Brown Silty SAND, some Gravel, damp
9								... moist ... black staining
10								Refusal @ 9.5'
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 2957s6.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-7

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Truck Mounted Earth Probe 200
Start Date: 06/05/02
Completion Date: 06/05/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 8.0'
Completion Method: Backfilled with cuttings;cap w/asphalt
Water Level: 5.0'

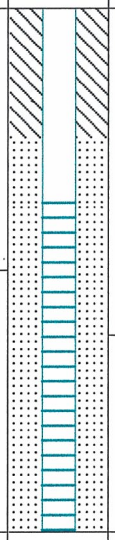
Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
0						0.0		3" Asphalt
1						0.0		Sand, Silt, Clay, Ash, Asphalt, Gravel, Brick (FILL), moist
2	NA	S-1	0-4	60	NA			... Dark Brown
3						0.0		Brown Silty SAND, some Clay, moist
4						0.0		
5						0.0		... wet
6	NA	S-2	4-8	70	NA			
7						0.0		... some Gravel
8						0.0		
9								Refusal @ 8.0'
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 2957tb7.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-8 (MW-2)

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: 97.62'
Datum: 100.00'
Drilling Rig: Truck Mounted Earth Probe 200
Start Date: 06/05/02
Completion Date: 06/07/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 8.0'
Completion Method: 1" ID PVC Well
Water Level: 7.6'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		Sand, Silt, Clay, Ash, Asphalt, Brick (FILL), damp
2	NA	S-1	0-4	70	NA	0.0		
3						0.0		
4						0.0		
5						0.0		Brown Silty SAND, some Gravel, moist
6	NA	S-2	4-8	70	NA	0.0		
7						0.0		
8						45.2		... black staining
9								Refusal @ 8.0'
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 2957tb8.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-9

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Truck Mounted Earth Probe 200
Start Date: 06/05/02
Completion Date: 06/05/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 8.0'
Completion Method: Backfilled with cuttings
Water Level: 7.0'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		Sand, Silt, Clay, Ash, Asphalt, Brick, Gravel (FILL), damp
2	NA	S-1	0-4	90	NA	0.0		
3						0.0		
4						0.0		
5						0.0		Brown Silty SAND, some Gravel, moist
6	NA	S-2	4-8	70	NA	0.0		
7						0.0		
8								... wet
9								Refusal @ 8.0'
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 2957tb9.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-10

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Truck Mounted Earth Probe 200
Start Date: 06/05/02
Completion Date: 06/05/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 8.0'
Completion Method: Backfilled with cuttings;cap w/ asphalt
Water Level: 7.7'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		3' Asphalt
2	NA	S-1	0-4	55	NA	0.0		Sand, Silt, Clay, Ash, Asphalt, Brick (FILL), damp
3						0.0		
4						0.0		
5						0.0		Light Brown Sandy SILT, moist
6	NA	S-2	4-8	60	NA	0.0		
7						0.0		Brown Silty SAND, some Gravel, moist ... wet
8								Refusal @ 8.0'
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 2957s10.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-11

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Truck Mounted Earth Probe 200
Start Date: 06/05/02
Completion Date: 06/05/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 7.5'
Completion Method: Backfilled with cuttings;cap w/asphalt
Water Level: 7.2'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		3" Asphalt
2	NA	S-1	0-4	50	NA	0.0		Sand, Silt, Gravel, Ash, Brick, Asphalt, Slag (FILL), damp
3						0.0		
4						0.0		... layer of Ash and Slag
5	NA	S-2	4-7.5	65	NA	0.0		Light Brown Sandy SILT, some Gravel, moist
6						0.0		
7						0.0		Brown Silty SAND, some Gravel, moist ... wet
8								Refusal @ 7.5'
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 2957s11.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-12

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Truck Mounted Earth Probe 200
Start Date: 06/05/02
Completion Date: 06/05/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 7.0'
Completion Method: Backfilled with cuttings;cap w/asphalt
Water Level: 6.9'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		3" Asphalt
2	NA	S-1	0-4	70	NA	0.0		Sand, Silt, Gravel, Ash, Asphalt, Brick (FILL), damp
3						0.0		
4						0.0		... moist
5	NA	S-2	4-7	40	NA	0.0		Brown Sandy SILT, some Gravel, damp
6						0.0		
7						0.0		Brown Silty SAND, some Gravel, moist ... wet
8								Refusal @ 7.0'
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 2957s12.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-13

Project: 80-100 Charlotte St.
DAY Representative: A. Farrell
Drilling Contractor: SLC Environmental Services
Drilling Rig: Truck Mounted Earth Probe 200
Sampling Method: Direct Push
Completion Method: Backfilled with cuttings;cap w/concrete

Project No: 2957S-02
Boring Location: See Site Plan
Ground Surface Elevation: NA
Datum: NA
Start Date: 06/06/02
Completion Date: 06/06/02
Borehole Diameter: 2.25 inches
Borehole Depth: 9.0'
Water Level: Not Encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	S-1	0-4	30	NA	0.0		4" concrete
2						0.0		Sand, Silt, Gravel, Ash, Brick (FILL), damp
3						0.0		
4						0.0		
5	NA	S-2	4-9	75	NA	0.0		Brown Sandy SILT, some Gravel, damp
6						0.0		Brown Silty SAND, some Gravel, moist
7						0.0		
8						0.0		
9								Refusal @ 9.0'
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 2957s13.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-14 (MW-4)

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: 97.56'
Datum: 100.00'
Drilling Rig: Track Mounted Geoprobe
Start Date: 06/06/02
Completion Date: 06/07/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 9.0'
Completion Method: 1" ID PVC Well
Water Level: 8.5'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		4" concrete
2	NA	S-1	0-4	80	NA	0.0		Sand, Silt, Gravel, Brick, Ash, Asphalt, Slag (FILL), damp
3						0.0		
4						0.0		
5						0.0		
6						18.3		Brown Sandy SILT, some Gravel, damp
7	NA	S-2	4-9	90	NA	79.7		
8						207		Light Brown Silty SAND, some Gravel, moist
9						784		... strong petroleum-like odor
10						1387		... black staining
11						991		
12								Refusal @ 9.0'
13								
14								
15								
16								
17								
18								
19								
20								

File: 2957s14.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-15

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Track Mounted Geoprobe
Start Date: 06/06/02
Completion Date: 06/06/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 9.0'
Completion Method: Backfilled w/cuttings; cap w/asphalt
Water Level: Not Encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		3" asphalt
2	NA	S-1	0-4	90	NA	0.0		Sand, Silt, Gravel, Wood, Brick, Ash (FILL), damp
3						0.0		
4						0.0		
5						0.0		
6	NA	S-2	4-8	80	NA	0.0		Brown Sandy SILT, some Gravel, moist
7						0.0		
8						0.0		Brown Silty SAND, some Gravel, moist
9	NA	S-3	8-9	100	NA	0.0		
10								Refusal @ 9.0'
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 2957s15.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-16

Project: 80-100 Charlotte St.
DAY Representative: A. Farrell
Drilling Contractor: SLC Environmental Services
Drilling Rig: Track Mounted Geoprobe
Sampling Method: Direct Push
Completion Method: Backfilled w/cuttings; cap w/asphalt

Project No: 2957S-02
Boring Location: See Site Plan
Ground Surface Elevation: NA
Datum: NA
Start Date: 06/06/02
Completion Date: 06/06/02
Borehole Diameter: 2.25 inches
Borehole Depth: 6.0'
Water Level: Not Encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	S-1	0-4	60	NA	0.0 0.0 0.0 0.0		3" asphalt Sand, Silt, Gravel, Ash, Slag, Brick, Wood (FILL), damp
5	NA	S-2	4-6	100	NA	0.0 0.0		Brown Silty SAND, moist ... fractured bedrock in cutting shoe
6								Refusal @ 6.0'
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 2957s16.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-17

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Track Mounted Geoprobe
Start Date: 06/06/02
Completion Date: 06/06/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 9.5'
Completion Method: Backfilled with cuttings;cap w/concrete
Water Level: Not Encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		4" concrete
2	NA	S-1	0-4	70	NA	0.0		Sand, Silt
3						0.0		
4						0.0		
5						0.0		
6	NA	S-2	4-8	85	NA	0.0		Brown Sandy SILT, some Gravel, damp
7						15.8		Brown Silty SAND, some Gravel, moist
8						50.7		
9	NA	S-3	8-9.5	90	NA	293		...petroleum-like odor
10						462		... black staining
11								Refusal @ 9.5'
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 2957s17.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-18

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Track Mounted Geoprobe
Start Date: 06/06/02
Completion Date: 06/06/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 11.0'
Completion Method: Backfilled with cuttings;cap w/asphalt
Water Level: 9.7'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		3" asphalt
2	NA	S-1	0-4	45	NA	0.0		Sand, Silt, Ash, Slag, Gravel, Wood (FILL), damp
3						0.0		
4						0.0		
5						0.0		
6	NA	S-2	4-8	45	NA	0.0		Brown Sandy SILT, some Gravel, damp
7						0.0		
8						70.0		Brown Silty SAND, some Gravel, moist
9	NA	S-3	8-11	45	NA	90.3		...black staining, petroleum-like odor
10						150		... wet
11						183		
12								Refusal @ 11.0'
13								
14								
15								
16								
17								
18								
19								
20								

File: 2957s18.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-19

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Track Mounted Geoprobe
Start Date: 06/06/02
Completion Date: 06/06/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 7.5'
Completion Method: Backfilled with cuttings;cap w/concrete
Water Level: Not Encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		4" concrete
2	NA	S-1	0-4	80	NA	0.0		Sand, Silt, Gravel, Ash, Asphalt, Slag, Wood (FILL), damp
3						0.0		
4						0.0		
5						0.0		Brown Sandy SILT, some Gravel, damp
6	NA	S-2	4-7.5	80	NA	0.0		
7						0.0		Brown Silty SAND, some Gravel, moist
8								Refusal @ 7.5'
9								
10								
11								
12								
13								
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15								
16								
17								
18								
19								
20								

File: 2957s19.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-20

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Track Mounted Geoprobe
Start Date: 06/06/02
Completion Date: 06/06/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 5.0'
Completion Method: Backfilled with cuttings;cap w/concrete
Water Level: Not Encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		4" concrete
2	NA	S-1	0-4	70	NA	0.0		Sand, Silt, Ash, Brick, Slag, Wood (FILL), damp
3						0.0		... crushed Brick
4	NA	S-2	4-5	100	NA	0.0		
5								Refusal @ 5.0'
6								
7								
8								
9								
10								
11								
12								
13								
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18								
19								
20								

File: 2957s20.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-21

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Track Mounted Geoprobe
Start Date: 06/06/02
Completion Date: 06/06/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 9.0'
Completion Method: Backfilled with cuttings;cap w/concrete
Water Level: Not Encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		4" concrete
2	NA	S-1	0-4	45	NA	0.0		Sand, Silt, Gravel, Ash, Brick (FILL), damp
3						0.0		
4						0.0		
5						0.0		Brown Sandy SILT, some Gravel, damp
6	NA	S-2	4-9	85	NA	0.0		Brown Silty SAND, some Gravel, moist
7						0.0		
8						0.0		
9								Refusal @ 9.0'
10								
11								
12								
13								
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File: 2957s13.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-22

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Track Mounted Geoprobe
Start Date: 06/06/02
Completion Date: 06/06/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 8.5'
Completion Method: Backfilled with cuttings;cap w/concrete
Water Level: 7.5'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		4" concrete
2	NA	S-1	0-4	20	NA	0.0		Sand, Silt, Gravel, Ash, Slag (FILL), damp
3						0.0		
4						0.0		
5						0.0		Brown Sandy SILT, some Gravel, moist
6	NA	S-2	4-8.5	40	NA	0.0		
7						0.0		
8						0.0		Brown Silty SAND, some Gravel, wet
9								Refusal @ 8.5'
10								
11								
12								
13								
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15								
16								
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18								
19								
20								

File: 2957s22.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-23

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Track Mounted Geoprobe
Start Date: 06/06/02
Completion Date: 06/06/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 8.0'
Completion Method: Backfilled with cuttings;cap w/concrete
Water Level: Not Encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		4" concrete
2	NA	S-1	0-4	50	NA	0.0		Sand, Silt, Gravel, Slag, Wood (FILL), damp
3						0.0		
4						0.0		
5						0.0		Light Brown Sandy SILT, some Gravel, damp
6	NA	S-2	4-8	75	NA	0.0		
7						18.2		
8						291		Brown Silty SAND, some Gravel, moist
9						775		Refusal @ 8.5'
10								
11								
12								
13								
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16								
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19								
20								

File: 2957s23.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-24 (MW-3)

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: 96.84'
Datum: 100.00'
Drilling Rig: Track Mounted Geoprobe
Start Date: 06/06/02
Completion Date: 06/07/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 11.0'
Completion Method: 1" ID PVC Well
Water Level: 8.6'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		3" asphalt
2	NA	S-1	0-4	50	NA	0.0		Sand, Silt, Gravel, Ash, Slag, Brick, Wood (FILL), damp
3						0.0		... layer of Ash and Slag
4						0.0		
5						0.0		Brown Sandy SILT, some Gravel, damp
6	NA	S-2	4-8	75	NA	0.0		... moist
7						0.0		Light Brown Silty SAND, some Gravel, damp
8						0.0		
9	NA	S-3	8-11	50	NA	189		Silty SAND and GRAVEL, wet
10						278		...black staining, petroleum-like odor
11								Refusal @ 11.0'
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 2957s24.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-25

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Track Mounted Geoprobe
Start Date: 06/06/02
Completion Date: 06/06/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 8.0'
Completion Method: Backfilled with cuttings;cap w/asphalt
Water Level: Not Encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	S-1	0-4	70	NA	0.0		3" asphalt
2						0.0		Sand, Silt, Gravel, Brick, Ash, Wood (FILL), damp
3						0.0		
4						0.0		
5	NA	S-2	4-8	70	NA	0.0		Brown Sandy SILT, some Gravel, damp
6						0.0		
7						1.4		Brown Silty SAND, some Gravel, moist
8						4.4		Refusal @ 8.0'
9								
10								
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15								
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18								
19								
20								

File: 2957s25.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-26

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Track Mounted Geoprobe
Start Date: 06/06/02
Completion Date: 06/06/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 6.5'
Completion Method: Backfilled with cuttings;cap w/asphalt
Water Level: Not Encountered

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1	NA	S-1	0-4	60	NA	0.0		3" asphalt
2						0.0		Sand, Silt, Ash, Gravel, Brick, Wood (FILL), damp
3						0.0		
4						0.0		
5	NA	S-2	4-6.5	70	NA	0.0		
6								
7								Refusal @ 6.5'
8								
9								
10								
11								
12								
13								
14								
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16								
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18								
19								
20								

File: 2957s26.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-27

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Truck Mounted Earth Probe 200
Start Date: 06/07/02
Completion Date: 06/07/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 8.5'
Completion Method: Backfilled with cuttings;cap w/asphalt
Water Level: 7.0'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		3" asphalt
2	NA	S-1	0-4	70	NA	0.0		Sand, Silt, Clay, Ash, Wood (FILL), damp
3						0.0		
4						0.0		
5						0.0		Brown Sandy SILT, some Gravel, moist
6	NA	S-2	4-8.5	70	NA	0.0		
7						0.0		Brown Silty SAND, some Gravel, wet
8						139		... gray staining
9								Refusal @ 8.5'
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

File: 2957s27.log

Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614
(585) 454-0210

BORING NUMBER: TB-28

Project: 80-100 Charlotte St.
Project No: 2957S-02
DAY Representative: A. Farrell
Boring Location: See Site Plan
Drilling Contractor: SLC Environmental Services
Ground Surface Elevation: NA
Datum: NA
Drilling Rig: Truck Mounted Earth Probe 200
Start Date: 06/07/02
Completion Date: 06/07/02
Sampling Method: Direct Push
Borehole Diameter: 2.25 inches
Borehole Depth: 8.0'
Completion Method: Backfilled with cuttings;cap w/asphalt
Water Level: 6.9'

Depth (feet)	Blows per 0.5'	Number	Depth (feet)	% Recovery	N-Value or RQD %	Peak PID Reading (ppm)	Well Installation Log	Sample Description
1						0.0		3" asphalt
2	NA	S-1	0-4	60	NA	0.0		Brown Sand, Silt, Clay, Ash (FILL), damp
3						0.0		
4						0.0		
5						0.0		Brown Sandy SILT, some Gravel, moist
6	NA	S-2	4-8	70	NA	0.0		
7						0.0		Brown Silty SAND, some Gravel, wet
8								Refusal @ 8.0'
9								
10								
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19								
20								

File: 2957s28.log

APPENDIX D

Well Development Logs and Well Sampling Logs

DAY ENVIRONMENTAL, INC.
MONITORING WELL DEVELOPMENT LOG

Mw-1

SECTION 1

SITE LOCATION: 80-100 Charlotte St. **JOB# :** RoCity 2957S-02

PROJECT NAME: Vanderlinde Electric **DATE :** 06/11/02

SAMPLE COLLECTOR(S): J. Kirk Hampton

WEATHER CONDITIONS: Sunny 80º

SECTION 2 - DEVELOPMENT INFORMATION

DEPTH OF WELL [FT]: 6.95 (MEASURED FROM TOP OF CASING - T.O.C.)

STATIC WATER LEVEL (SWL) [FT]: 6.05 (MEASURED FROM T.O.C.)

DEPTH OF WATER COLUMN [FT]: 0.9 (DEPTH OF WELL - SWL)

CALCULATED VOL. OF H_2O PER WELL CASING [GAL]: 0.04

CALCULATIONS:

CASING DIA. (FT)	WELL CONSTANT (GAL/FT)	CALCULATIONS
1" (0.0833)	0.041	VOL. OF H_2O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT

CALCULATED PURGE VOLUME [GAL]: 0.2 (5 TIMES CASING VOLUME)

ACTUAL VOLUME PURGED [GAL]: 0.2

PURGE METHOD: 3'Bailer **PURGE START:** 11:10 **END:** 11:20

SECTION 3 - DEVELOPMENT DATA

SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY µS/cm	TURBIDITY (NTU)	VISUAL	PID/FID READING
NC	NC	NC	NC	NC	Very Turbid	NC

No Development data collected due to high turbidity and poor well yield.

DAY ENVIRONMENTAL, INC.
MONITORING WELL DEVELOPMENT LOG

Mw-2

SECTION 1

SITE LOCATION: 80-100 Charlotte St. **JOB# :** RoCity 2957S-02

PROJECT NAME: Vanderlinde Electric **DATE :** 06/11/02

SAMPLE COLLECTOR(S): J. Kirk Hampton

WEATHER CONDITIONS: Sunny 80º

SECTION 2 - DEVELOPMENT INFORMATION

DEPTH OF WELL [FT]: 7.63 (MEASURED FROM TOP OF CASING - T.O.C.)

STATIC WATER LEVEL (SWL) [FT]: 7.35 (MEASURED FROM T.O.C.)

DEPTH OF WATER COLUMN [FT]: 0.28 (DEPTH OF WELL - SWL)

CALCULATED VOL. OF H_2O PER WELL CASING [GAL]: 0.01

CALCULATIONS:

CASING DIA. (FT)	WELL CONSTANT(GAL/FT)	CALCULATIONS
1" (0.0833)	0.041	VOL. OF H_2O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT

CALCULATED PURGE VOLUME [GAL]: 0.05 (5 TIMES CASING VOLUME)

ACTUAL VOLUME PURGED [GAL]: 0.0

PURGE METHOD: 3'Bailer **PURGE START:** 00:00 **END:** 00:00

SECTION 3 - DEVELOPMENT DATA

SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY µS/cm	TURBIDITY (NTU)	VISUAL	PID/FID READING
NC	NC	NC	NC	NC	Very Turbid	NC

No Development data collected due to no well yield.

DAY ENVIRONMENTAL, INC.
MONITORING WELL DEVELOPMENT LOG

Mw-3

SECTION 1

SITE LOCATION: 80-100 Charlotte St. **JOB# :** RoCity 2957S-02

PROJECT NAME: Vanderlinde Electric **DATE :** 06/11/02

SAMPLE COLLECTOR(S): J. Kirk Hampton

WEATHER CONDITIONS: Sunny 80º

SECTION 2 - DEVELOPMENT INFORMATION

DEPTH OF WELL [FT]: 10.10 (MEASURED FROM TOP OF CASING - T.O.C.)

STATIC WATER LEVEL (SWL) [FT]: 6.83 (MEASURED FROM T.O.C.)

DEPTH OF WATER COLUMN [FT]: 3.27 (DEPTH OF WELL - SWL)

CALCULATED VOL. OF H_2O PER WELL CASING [GAL]: 0.13

CALCULATIONS:

CASING DIA. (FT)	WELL CONSTANT(GAL/FT)	CALCULATIONS
1" (0.0833)	0.041	VOL. OF H_2O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT

CALCULATED PURGE VOLUME [GAL]: 0.65 (5 TIMES CASING VOLUME)

ACTUAL VOLUME PURGED [GAL]: 0.75

PURGE METHOD: 3'Bailer **PURGE START:** 11:38 **END:** 11:52

SECTION 3 - DEVELOPMENT DATA

SWL (FT)	TEMP (ºC)	pH	CONDUCTIVITY µS/cm	TURBIDITY (NTU)	VISUAL	PID/FID READING
NC	NC	NC	NC	NC	Very Turbid	NC

No Development data collected due to high turbidity and poor well yield.

DAY ENVIRONMENTAL, INC.
MONITORING WELL DEVELOPMENT LOG

Mw-4

SECTION 1

SITE LOCATION: 80-100 Charlotte St. **JOB# :** RoCity 2957S-02

PROJECT NAME: Vanderlinde Electric **DATE :** 06/11/02

SAMPLE COLLECTOR(S): J. Kirk Hampton

WEATHER CONDITIONS: Sunny 80º

SECTION 2 - DEVELOPMENT INFORMATION

DEPTH OF WELL [FT]: 9.55 (MEASURED FROM TOP OF CASING - T.O.C.)

STATIC WATER LEVEL (SWL) [FT]: 8.50 (MEASURED FROM T.O.C.)

DEPTH OF WATER COLUMN [FT]: 1.05 (DEPTH OF WELL - SWL)

CALCULATED VOL. OF H_2O PER WELL CASING [GAL]: 0.04

CALCULATIONS:

CASING DIA. (FT)	WELL CONSTANT(GAL/FT)	CALCULATIONS
1" (0.0833)	0.041	VOL. OF H_2O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT

CALCULATED PURGE VOLUME [GAL]: 0.2 (5 TIMES CASING VOLUME)

ACTUAL VOLUME PURGED [GAL]: 0.2

PURGE METHOD: 3'Bailer **PURGE START:** 12:02 **END:** 12:28

SECTION 3 - DEVELOPMENT DATA

SWL (FT)	TEMP (ºC)	pH	CONDUCTIVITY µS/cm	TURBIDITY (NTU)	VISUAL	PID/FID READING
NC	NC	NC	NC	NC	Very Turbid	NC

*** No Development data collected due to high turbidity and poor well yield.**

DAY ENVIRONMENTAL, INC.
MONITORING WELL SAMPLING LOG

WELL MW-1

SECTION 1 - SITE INFORMATION

SITE LOCATION: 80-100 Charlotte Street **JOB #:** RoCity 2957S-02

PROJECT NAME: Vanderlinde Electric **DATE :** 06/18/02

SAMPLE COLLECTOR(S): Chris Davidson

WEATHER CONDITIONS: Sunny 70° F **PID IN WELL (PPM):** 7.0

SECTION 2 - PURGE INFORMATION

DEPTH OF WELL [FT]: 6.95 (MEASURED FROM TOP OF CASING - T.O.C.)

STATIC WATER LEVEL (SWL) [FT]: 5.65 (MEASURED FROM T.O.C.)

DEPTH OF WATER COLUMN [FT]: 1.3 (DEPTH OF WELL - SWL)

CALCULATED VOL. OF H_2O PER WELL CASING [GAL]: 0.053 **CASING DIA.:** 1".

CALCULATIONS:

CASING DIA. (FT)	WELL CONSTANT(GAL/FT)
¾" (0.0625)	0.023
1" (0.0833)	0.041
1¼" (0.1041)	0.063
2" (0.1667)	0.1632
3" (0.250)	0.380
4" (0.3333)	0.6528
4½" (0.375)	0.826
6" (0.5000)	1.4688
8" (0.666)	2.611

CALCULATIONS
VOL. OF H_2O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT

CALCULATED PURGE VOLUME [GAL]: 0.159 (3 TIMES CASING VOLUME)

ACTUAL VOLUME PURGED [GAL]: ~0.15.

PURGE METHOD: 3' x ½ " Bailer **PURGE START:** 11:15 **END:** 11:25.

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
2957-MW-1	06/18/02 11:30	3' x ½" Bailer	TPH 310.13 8270 TCL + STARS

SECTION 4 - WATER QUALITY DATA

SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY µS/cm	TURBIDITY (NTU)	VISUAL
5.65	18.7	6.32	1.2	>990	Very Cloudy, Medium Brown

DAY ENVIRONMENTAL, INC.
MONITORING WELL SAMPLING LOG

WELL MW-2

SECTION 1 - SITE INFORMATION

SITE LOCATION: 80-100 Chralotte Street **JOB #:** RoCity 2957S-02

PROJECT NAME: Vanderlinde electric **DATE :** 06/18/02

SAMPLE COLLECTOR(S): Chris Davidson

WEATHER CONDITIONS: Sunny 70° F. **PID IN WELL (PPM):** 240.0

SECTION 2 - PURGE INFORMATION

DEPTH OF WELL [FT]: 7.63 (MEASURED FROM TOP OF CASING - T.O.C.)

STATIC WATER LEVEL (SWL) [FT]: 7.31 (MEASURED FROM T.O.C.)

DEPTH OF WATER COLUMN [FT]: 0.32 (DEPTH OF WELL - SWL)

CALCULATED VOL. OF H_2O PER WELL CASING [GAL]: 0.013 **CASING DIA.:** 1".

CALCULATIONS:

CASING DIA. (FT)	WELL CONSTANT(GAL/FT)	CALCULATIONS
¾" (0.0625)	0.023	VOL. OF H_2O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT
1" (0.0833)	0.041	
1¼" (0.1041)	0.063	
2" (0.1667)	0.1632	
3" (0.250)	0.380	
4" (0.3333)	0.6528	
4½" (0.375)	0.826	
6" (0.5000)	1.4688	
8" (0.666)	2.611	

CALCULATED PURGE VOLUME [GAL]: 0.039 (3 TIMES CASING VOLUME)

ACTUAL VOLUME PURGED [GAL]: 0 .

PURGE METHOD: 3' x ½" Bailer **PURGE START:** NC **END:** NC .

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
2957-MW-2	06/18/02 16:45	3' x ½" Bailer	TPH 310.13 8270 TCL + STARS

SECTION 4 - WATER QUALITY DATA

SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY µS/cm	TURBIDITY (NTU)	VISUAL
NC	NC	NC	NC	NC	Very Cloudy, Dark Gray to Black

NC = Not Collected
Field measurments not collected due to low volume of water.
Purge not conducted due to low volume of water in well.

CCD3028A2

DAY ENVIRONMENTAL, INC.
MONITORING WELL SAMPLING LOG

WELL MW-3

SECTION 1 - SITE INFORMATION

SITE LOCATION: 80-100 Charlotte Street **JOB #:** RoCity 2957S-02

PROJECT NAME: Vanderlinde Electric **DATE :** 06/18/02

SAMPLE COLLECTOR(S): Chris Davidson

WEATHER CONDITIONS: Sunny 70° F. **PID IN WELL (PPM):** 2.7

SECTION 2 - PURGE INFORMATION

DEPTH OF WELL [FT]: 10.10 (MEASURED FROM TOP OF CASING - T.O.C.)

STATIC WATER LEVEL (SWL) [FT]: 6.62 (MEASURED FROM T.O.C.)

DEPTH OF WATER COLUMN [FT]: 3.48 (DEPTH OF WELL - SWL)

CALCULATED VOL. OF H_2O PER WELL CASING [GAL]: 0.143 **CASING DIA.:** 1".

CALCULATIONS:

CASING DIA. (FT)	WELL CONSTANT(GAL/FT)
¾" (0.0625)	0.023
1" (0.0833)	0.041
1¼" (0.1041)	0.063
2" (0.1667)	0.1632
3" (0.250)	0.380
4" (0.3333)	0.6528
4½" (0.375)	0.826
6" (0.5000)	1.4688
8" (0.666)	2.611

CALCULATIONS
VOL. OF H_2O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT

CALCULATED PURGE VOLUME [GAL]: 0.429 (3 TIMES CASING VOLUME)

ACTUAL VOLUME PURGED [GAL]: ~0.4 .

PURGE METHOD: 3' x ½" Bailer **PURGE START:** 10:50 **END:** 11:00

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
2957-MW-3	06/18/02 11:10	3' x ½" Bailer	TPH 310.13 8270 TCL + STARS

SECTION 4 - WATER QUALITY DATA

SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY µS/cm	TURBIDITY (NTU)	VISUAL
6.62	18.5	6.34	1.8	>990	Very Cloudy, Medium Brown

DAY ENVIRONMENTAL, INC.
MONITORING WELL SAMPLING LOG

WELL MW-4

SECTION 1 - SITE INFORMATION

SITE LOCATION: 80-100 Charlotte Street **JOB #:** RoCity 2957S-02

PROJECT NAME: Vanderlinde Electric **DATE :** 06/18/02

SAMPLE COLLECTOR(S): Chris Davidson

WEATHER CONDITIONS: Sunny 70° F. **PID IN WELL (PPM):** 13.4

SECTION 2 - PURGE INFORMATION

DEPTH OF WELL [FT]: 9.55 (MEASURED FROM TOP OF CASING - T.O.C.)

STATIC WATER LEVEL (SWL) [FT]: 8.21 (MEASURED FROM T.O.C.)

DEPTH OF WATER COLUMN [FT]: 1.34 (DEPTH OF WELL - SWL)

CALCULATED VOL. OF H_2O PER WELL CASING [GAL]: 0.058 **CASING DIA.:** 1".

CALCULATIONS:

CASING DIA. (FT)	WELL CONSTANT(GAL/FT)	CALCULATIONS
¾" (0.0625)	0.023	VOL. OF H_2O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT
1" (0.0833)	0.041	
1¼" (0.1041)	0.063	
2" (0.1667)	0.1632	
3" (0.250)	0.380	
4" (0.3333)	0.6528	
4½" (0.375)	0.826	
6" (0.5000)	1.4688	
8" (0.666)	2.611	

CALCULATED PURGE VOLUME [GAL]: 0.174 (3 TIMES CASING VOLUME)

ACTUAL VOLUME PURGED [GAL]: ~0.17.

PURGE METHOD: 3' x ½" Bailer **PURGE START:** 12:35 **END:** 12:45

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
2957-MW-4	06/18/02 13:00	3' x ½" Bailer	TPH 310.13 8270 TCL + STARS

SECTION 4 - WATER QUALITY DATA

SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY µS/cm	TURBIDITY (NTU)	VISUAL
8.21	16.1	6.40	1.6	>990	Very Cloudy, Medium Gray

APPENDIX E

Analytical Laboratory Data Reports

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental, Inc.
Client Job Site: 80-100 Charlotte St.
Client Job No.: 2957S-02

Lab Project No.: 02-1369
Sample Type: Soil
Method: SW 846: 3050, 6010
Date(s) Sampled: 06/04/02
Date Received: 06/05/02
Date Analyzed: 06/06/02

Laboratory Report for Soil Analysis

Lab Sample No.	Field ID No.	Field Location	Mercury Result (mg/kg)
5181	N/A	2957/C-1	<0.0448
5184	N/A	2957/C-4	<0.0596
5185	N/A	2957/C-5	<0.0531
5186	N/A	2957/C-6	<0.0575

ELAP ID No.: 10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information.

File ID:021369

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1369
		Lab Sample Number:	5181
Client Job Number:	2957S-02		
Field Location:	2957 / C-1	**Date Sampled:**	06/04/2002
Field ID Number:	N/A	**Date Received:**	06/05/2002
Sample Type:	Solid	**Date Analyzed:**	06/10/2002

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.646
Aroclor 1221	ND< 0.646
Aroclor 1232	ND< 0.646
Aroclor 1242	ND< 0.646
Aroclor 1248	ND< 0.646
Aroclor 1254	ND< 0.646
Aroclor 1260	ND< 0.646

ELAP Number 10958 Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021369P1.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1369
		Lab Sample Number:	5182
Client Job Number:	2957S-02		
Field Location:	2957 / C-2	**Date Sampled:**	06/04/2002
Field ID Number:	N/A	**Date Received:**	06/05/2002
Sample Type:	Solid	**Date Analyzed:**	06/10/2002

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.593
Aroclor 1221	ND< 0.593
Aroclor 1232	ND< 0.593
Aroclor 1242	ND< 0.593
Aroclor 1248	ND< 0.593
Aroclor 1254	ND< 0.593
Aroclor 1260	ND< 0.593

ELAP Number 10958 Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021369P2.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1369
		Lab Sample Number:	5183
Client Job Number:	2957S-02		
Field Location:	2957 / C-3	**Date Sampled:**	06/04/2002
Field ID Number:	N/A	**Date Received:**	06/05/2002
Sample Type:	Solid	**Date Analyzed:**	06/10/2002

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.580
Aroclor 1221	ND< 0.580
Aroclor 1232	ND< 0.580
Aroclor 1242	ND< 0.580
Aroclor 1248	ND< 0.580
Aroclor 1254	ND< 0.580
Aroclor 1260	ND< 0.580

ELAP Number 10958 Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021369P3.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1369
		Lab Sample Number:	5184
Client Job Number:	2957S-02		
Field Location:	2957 / C-4	**Date Sampled:**	06/04/2002
Field ID Number:	N/A	**Date Received:**	06/05/2002
Sample Type:	Solid	**Date Analyzed:**	06/10/2002

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.508
Aroclor 1221	ND< 0.508
Aroclor 1232	ND< 0.508
Aroclor 1242	ND< 0.508
Aroclor 1248	ND< 0.508
Aroclor 1254	ND< 0.508
Aroclor 1260	ND< 0.508

ELAP Number 10958 Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021369P4.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1369
		Lab Sample Number:	5185
Client Job Number:	2957S-02		
Field Location:	2957 / C-5	**Date Sampled:**	06/04/2002
Field ID Number:	N/A	**Date Received:**	06/05/2002
Sample Type:	Solid	**Date Analyzed:**	06/10/2002

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.642
Aroclor 1221	ND< 0.642
Aroclor 1232	ND< 0.642
Aroclor 1242	ND< 0.642
Aroclor 1248	ND< 0.642
Aroclor 1254	ND< 0.642
Aroclor 1260	ND< 0.642

ELAP Number 10958 Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021369P5.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1369
		Lab Sample Number:	5186
Client Job Number:	2957S-02		
Field Location:	2957 / C-6	**Date Sampled:**	06/04/2002
Field ID Number:	N/A	**Date Received:**	06/05/2002
Sample Type:	Solid	**Date Analyzed:**	06/10/2002

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.589
Aroclor 1221	ND< 0.589
Aroclor 1232	ND< 0.589
Aroclor 1242	ND< 0.589
Aroclor 1248	ND< 0.589
Aroclor 1254	ND< 0.589
Aroclor 1260	ND< 0.589

ELAP Number 10958 Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021369P6.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1369
		Lab Sample Number:	5187
Client Job Number:	2957S-02		
Field Location:	2957 / C-7	**Date Sampled:**	06/04/2002
Field ID Number:	N/A	**Date Received:**	06/05/2002
Sample Type:	Solid	**Date Analyzed:**	06/10/2002

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.409
Aroclor 1221	ND< 0.409
Aroclor 1232	ND< 0.409
Aroclor 1242	ND< 0.409
Aroclor 1248	ND< 0.409
Aroclor 1254	ND< 0.409
Aroclor 1260	ND< 0.409

ELAP Number 10958 Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021369P7.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1369
		Lab Sample Number:	5188
Client Job Number:	2957S-02		
Field Location:	2957 / C-8	**Date Sampled:**	06/04/2002
Field ID Number:	N/A	**Date Received:**	06/05/2002
Sample Type:	Solid	**Date Analyzed:**	06/10/2002

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.543
Aroclor 1221	ND< 0.543
Aroclor 1232	ND< 0.543
Aroclor 1242	ND< 0.543
Aroclor 1248	ND< 0.543
Aroclor 1254	ND< 0.543
Aroclor 1260	ND< 0.543

ELAP Number 10958 Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature: _____
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 021369P8.XLS

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(716) 647-2530 * (800) 724-1997
FAX: (716) 647-3311

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:			
COMPANY: DAY ENVIRONMENTAL		COMPANY: SAME		LAB PROJECT #: 02-13609	CLIENT PROJECT #: 29575-02
ADDRESS: 40 COMMERCIAL ST		ADDRESS:			
CITY: ROCHESTER	STATE: NY ZIP: 14610	CITY:	STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)	
PHONE: 454-0210	FAX: 454-0825	PHONE:	FAX:		
PROJECT NAME/SITE NAME: 80-100 Charlotte St.	ATTN: JEFF DANZINGER ext 114	ATTN:		STD: 1 2 3 X 5	OTHER
	COMMENTS:				

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	PCB	Mercury								REMARKS	PARADIGM LAB SAMPLE NUMBER
1	6-4-02	0950			2957/C-1	Cement	1	X	X									51881
2	6-4-02	1000			2957/C-2		1	X										51882
3	6-4-02	1006			2957/C-3		1	X										51883
4	6-4-02	1015			2957/C-4		1	X	X									51884
5	6-4-02	1023			2957/C-5		1	X	X									51885
6	6-4-02	1030			2957/C-6		1	X	X									51886
7	6-4-02	1035			2957/C-7		1	X										51887
8	6-4-02	1223			2957/C-8		1	X										51888
9																		
10																		

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation: CONTAINER TYPE: ✓ PRESERVATIONS: ✓ HOLDING TIME: ✓ TEMPERATURE: ✓ 22

Sampled By: Aaron Farwell	Date/Time: 6-4-02	Relinquished By:	Date/Time:
Relinquished By: Aaron Farwell	Date/Time: 6-4-02 1420	Received By:	Date/Time:
Received By: Jane J Dalton	Date/Time: 6-4-02 1420	Received @ Lab By:	Date/Time: 6/5/02 @ 8:50

Total Cost:

P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental

Client Job Site: 80-100 Charlotte St.

Client Job No.: 2957S-02

Field Location: 2957-01
Field ID No.: SS-1

Lab Project No.: 02-1409
Lab Sample No.: 5303

Sample Type: Soil

Date Sampled: 06/07/2002
Date Received: 06/07/2002

Laboratory Report for Solid Waste Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Arsenic	06/13/2002	SW846 6010	3.73
Barium	06/13/2002	SW846 6010	21.3
Cadmium	06/13/2002	SW846 6010	1.09
Chromium	06/13/2002	SW846 6010	5.42
Lead	06/13/2002	SW846 6010	21.6
Mercury	06/12/2002	SW846 7471	<0.0844
Selenium	06/13/2002	SW846 6010	<0.405
Silver	06/13/2002	SW846 6010	1.37

ELAP ID No.:10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information.

File ID:021409

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental

Client Job Site: 80-100 Charlotte St.

Client Job No.: 2957S-02

Field Location: 2957-03
Field ID No.: TB24 1-2'

Lab Project No.: 02-1409
Lab Sample No.: 5305

Sample Type: Soil

Date Sampled: 06/06/2002
Date Received: 06/07/2002

Laboratory Report for Solid Waste Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Arsenic	06/13/2002	SW846 6010	15.9
Barium	06/13/2002	SW846 6010	171
Cadmium	06/13/2002	SW846 6010	1.55
Chromium	06/13/2002	SW846 6010	10.0
Lead	06/13/2002	SW846 6010	519
Mercury	06/12/2002	SW846 7471	2.82
Selenium	06/13/2002	SW846 6010	<0.501
Silver	06/13/2002	SW846 6010	<1.00

ELAP ID No.:10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information.

File ID:021409

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental

Client Job Site: 80-100 Charlotte St.

Client Job No.: 2957S-02

Field Location: 2957-04
Field ID No.: TB-11 (3')

Lab Project No.: 02-1409
Lab Sample No.: 5306

Sample Type: Soil

Date Sampled: 06/05/2002
Date Received: 06/07/2002

Laboratory Report for Solid Waste Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Arsenic	06/13/2002	SW846 6010	6.99
Barium	06/13/2002	SW846 6010	54.0
Cadmium	06/13/2002	SW846 6010	<0.454
Chromium	06/13/2002	SW846 6010	6.64
Lead	06/13/2002	SW846 6010	103
Mercury	06/12/2002	SW846 7471	0.124
Selenium	06/13/2002	SW846 6010	<0.454
Silver	06/13/2002	SW846 6010	<0.908

ELAP ID No.:10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information.

File ID:021409

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental

Client Job Site: 80-100 Charlotte St.

Client Job No.: 2957S-02

Field Location: 2957-05
Field ID No.: TB-14 (3')

Lab Project No.: 02-1409
Lab Sample No.: 5307

Sample Type: Soil

Date Sampled: 06/06/2002
Date Received: 06/07/2002

Laboratory Report for Solid Waste Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Arsenic	06/13/2002	SW846 6010	7.73
Barium	06/13/2002	SW846 6010	88.3
Cadmium	06/13/2002	SW846 6010	0.533
Chromium	06/13/2002	SW846 6010	8.21
Lead	06/13/2002	SW846 6010	195
Mercury	06/12/2002	SW846 7471	0.765
Selenium	06/13/2002	SW846 6010	<0.481
Silver	06/13/2002	SW846 6010	<0.962

ELAP ID No.:10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information.

File ID:021409

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental

Client Job Site: 80-100 Charlotte St.

Client Job No.: 2957S-02

Field Location: 2957-06
Field ID No.: TB12 (3.5-4')

Lab Project No.: 02-1409
Lab Sample No.: 5308

Sample Type: Soil

Date Sampled: 06/05/2002
Date Received: 06/07/2002

Laboratory Report for Solid Waste Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Arsenic	06/13/2002	SW846 6010	15.5
Barium	06/13/2002	SW846 6010	733
Cadmium	06/13/2002	SW846 6010	2.99
Chromium	06/13/2002	SW846 6010	14.2
Lead	06/13/2002	SW846 6010	242
Mercury	06/12/2002	SW846 7471	0.417
Selenium	06/13/2002	SW846 6010	<0.565
Silver	06/13/2002	SW846 6010	1.60

ELAP ID No.:10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information.

File ID:021409

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental

Client Job Site: 80-100 Charlotte St.

Client Job No.: 2957S-02

Field Location: 2957-07
Field ID No.: TB-20 (2')

Lab Project No.: 02-1409
Lab Sample No.: 5309

Sample Type: Soil

Date Sampled: 06/06/2002
Date Received: 06/07/2002

Laboratory Report for Solid Waste Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Arsenic	06/13/2002	SW846 6010	8.06
Barium	06/13/2002	SW846 6010	271
Cadmium	06/13/2002	SW846 6010	0.882
Chromium	06/13/2002	SW846 6010	7.41
Lead	06/13/2002	SW846 6010	422
Mercury	06/12/2002	SW846 7471	0.397
Selenium	06/13/2002	SW846 6010	<0.452
Silver	06/13/2002	SW846 6010	<0.905

ELAP ID No.:10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information.

File ID:021409

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental

Client Job Site: 80-100 Charlotte St.

Client Job No.: 2957S-02

Field Location: 2957-10
Field ID No.: TB-28

Lab Project No.: 02-1409
Lab Sample No.: 5312

Sample Type: Soil

Date Sampled: 06/02/2002
Date Received: 06/07/2002

Laboratory Report for Solid Waste Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Arsenic	06/13/2002	SW846 6010	6.21
Barium	06/13/2002	SW846 6010	22.6
Cadmium	06/13/2002	SW846 6010	<0.344
Chromium	06/13/2002	SW846 6010	3.65
Lead	06/13/2002	SW846 6010	2.95
Mercury	06/12/2002	SW846 7471	<0.0781
Selenium	06/13/2002	SW846 6010	<0.344
Silver	06/13/2002	SW846 6010	<0.688

ELAP ID No.:10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information.

File ID:021409

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5303
Client Job Number:	2957S-02		
Field Location:	SS-1	**Date Sampled:**	06/07/2002
Field ID Number:	2957-01	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/13/2002

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.362
Aroclor 1221	ND< 0.362
Aroclor 1232	ND< 0.362
Aroclor 1242	ND< 0.362
Aroclor 1248	ND< 0.362
Aroclor 1254	ND< 0.362
Aroclor 1260	ND< 0.362

ELAP Number 10958 Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature:

Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 021409P1.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5304
Client Job Number:	2957S-02		
Field Location:	SS-2	**Date Sampled:**	06/07/2002
Field ID Number:	2957-02	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/14/2002

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.394
Aroclor 1221	ND< 0.394
Aroclor 1232	ND< 0.394
Aroclor 1242	ND< 0.394
Aroclor 1248	ND< 0.394
Aroclor 1254	ND< 0.394
Aroclor 1260	ND< 0.394

ELAP Number 10958 Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409P2.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5306
Client Job Number:	2957S-02		
Field Location:	TB-11 (3')	**Date Sampled:**	06/05/2002
Field ID Number:	2957-04	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/14/2002

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.458
Aroclor 1221	ND< 0.458
Aroclor 1232	ND< 0.458
Aroclor 1242	ND< 0.458
Aroclor 1248	ND< 0.458
Aroclor 1254	ND< 0.458
Aroclor 1260	ND< 0.458

ELAP Number 10958 Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature:

Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 021409P3.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5307
Client Job Number:	2957S-02		
Field Location:	TB-14 (3')	**Date Sampled:**	06/05/2002
Field ID Number:	2957-05	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/14/2002

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.428
Aroclor 1221	ND< 0.428
Aroclor 1232	ND< 0.428
Aroclor 1242	ND< 0.428
Aroclor 1248	ND< 0.428
Aroclor 1254	ND< 0.428
Aroclor 1260	ND< 0.428

ELAP Number 10958 Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409P4.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5310
Client Job Number:	2957S-02		
Field Location:	TB-22 (0-2')	**Date Sampled:**	06/06/2002
Field ID Number:	2957-08	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/14/2002

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.587
Aroclor 1221	ND< 0.587
Aroclor 1232	ND< 0.587
Aroclor 1242	ND< 0.587
Aroclor 1248	ND< 0.587
Aroclor 1254	ND< 0.587
Aroclor 1260	ND< 0.587

ELAP Number 10958 Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409P5.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5311
Client Job Number:	2957S-02		
Field Location:	TB-2 (3-4')	**Date Sampled:**	06/05/2002
Field ID Number:	2957-09	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/14/2002

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.380
Aroclor 1221	ND< 0.380
Aroclor 1232	ND< 0.380
Aroclor 1242	ND< 0.380
Aroclor 1248	ND< 0.380
Aroclor 1254	ND< 0.380
Aroclor 1260	ND< 0.380

ELAP Number 10958 Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409P6.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PHC Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5293
Client Job Number:	2957S-02		
Field Location:	TB-8 (7')	**Date Sampled:**	06/05/2002
Field ID Number:	2957-11	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/14/2002

PHC Classification	Results in ug / Kg
Petroleum Hydrocarbon	ND< 8,250

ELAP Number 10958 Method: NYSDOH 310.13

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
PHC = Petroleum Hydrocarbon

Signature:
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409Q1.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PHC Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5294
Client Job Number:	2957S-02		
Field Location:	TB-27 (8/5')	**Date Sampled:**	06/07/2002
Field ID Number:	2957-12	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/13/2002

PHC Classification	Results in ug / Kg
Petroleum Hydrocarbon	ND< 7,930

ELAP Number 10958 Method: NYSDOH 310.13

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
PHC = Petroleum Hydrocarbon

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409Q2.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PHC Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5295
Client Job Number:	2957S-02		
Field Location:	TB-3 (7-8')	**Date Sampled:**	06/05/2002
Field ID Number:	2957-13	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/13/2002

PHC Classification	Results in ug / Kg
Medium Weight PHC as: Kerosene	213,000

ELAP Number 10958 Method: NYSDOH 310.13

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
PHC = Petroleum Hydrocarbon

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409Q3.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PHC Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5296
Client Job Number:	2957S-02		
Field Location:	TB-4 (2.5')	**Date Sampled:**	06/05/2002
Field ID Number:	2957-14	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/13/2002

PHC Classification	Results in ug / Kg
Petroleum Hydrocarbon	ND< 7,770

ELAP Number 10958 Method: NYSDOH 310.13

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
PHC = Petroleum Hydrocarbon

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409Q4.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PHC Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5297
Client Job Number:	2957S-02		
Field Location:	TB-2 (7.5-8')	**Date Sampled:**	06/05/2002
Field ID Number:	2957-15	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/14/2002

PHC Classification	Results in ug / Kg
Light Weight PHC as:	
Gasoline	22,700

ELAP Number 10958 Method: NYSDOH 310.13

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
PHC = Petroleum Hydrocarbon

Signature:
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409Q5.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PHC Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5298
Client Job Number:	2957S-02		
Field Location:	TB-24 (8-10')	**Date Sampled:**	06/06/2002
Field ID Number:	2957-16	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/13/2002

PHC Classification	Results in ug / Kg
Light Weight PHC as:	
Gasoline	34,000

ELAP Number 10958 Method: NYSDOH 310.13

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
PHC = Petroleum Hydrocarbon

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409Q6.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PHC Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5299
Client Job Number:	2957S-02		
Field Location:	TB-17 (9')	**Date Sampled:**	06/06/2002
Field ID Number:	2957-17	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/14/2002

PHC Classification	Results in ug / Kg
Petroleum Hydrocarbon	ND< 8,280

ELAP Number 10958 Method: NYSDOH 310.13

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
PHC = Petroleum Hydrocarbon

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409Q7.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PHC Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5300
Client Job Number:	2957S-02		
Field Location:	TB-23 (9')	**Date Sampled:**	06/06/2002
Field ID Number:	2957-18	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/13/2002

PHC Classification	Results in ug / Kg
Medium Weight PHC as:	
Kerosene	57,200

ELAP Number 10958 Method: NYSDOH 310.13

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
PHC = Petroleum Hydrocarbon

Signature:
Bruce Hoogestegar: Technical Director

Chain of Custody provides additional sample information

File ID: 021409Q8.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PHC Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5301
Client Job Number:	2957S-02		
Field Location:	TB-18 (9-11')	**Date Sampled:**	06/06/2002
Field ID Number:	2957-19	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/14/2002

PHC Classification	Results in ug / Kg
Medium Weight PHC as:	
Kerosene	48,000

ELAP Number 10958 Method: NYSDOH 310.13

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
PHC = Petroleum Hydrocarbon

Signature: _____
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 021409Q9.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PHC Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5302
Client Job Number:	2957S-02		
Field Location:	TB-14 (8')	**Date Sampled:**	06/06/2002
Field ID Number:	2957-20	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/14/2002

PHC Classification	Results in ug / Kg
Medium Weight PHC as:	
Kerosene	2,110,000

ELAP Number 10958 Method: NYSDOH 310.13

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
PHC = Petroleum Hydrocarbon

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409R1.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PHC Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5303
Client Job Number:	2957S-02		
Field Location:	SS-1	**Date Sampled:**	06/07/2002
Field ID Number:	2957-01	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/14/2002

PHC Classification	Results in ug / Kg
Heavy Weight PHC as: Lube Oil	5,940,000

ELAP Number 10958 Method: NYSDOH 310.13

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
PHC = Petroleum Hydrocarbon

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409R2.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PHC Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5304
Client Job Number:	2957S-02		
Field Location:	SS-2	**Date Sampled:**	06/07/2002
Field ID Number:	2957-02	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/14/2002

PHC Classification	Results in ug / Kg
Heavy Weight PHC as: Lube Oil	5,450,000

ELAP Number 10958 Method: NYSDOH 310.13

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
PHC = Petroleum Hydrocarbon

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409R3.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5294
Client Job Number:	2957S-02		
Field Location:	TB-27 (8.5')	**Date Sampled:**	06/07/2002
Field ID Number:	2957-12	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/13/2002

Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 317
Anthracene	ND< 317
Benzo (a) anthracene	ND< 317
Benzo (a) pyrene	ND< 317
Benzo (b) fluoranthene	ND< 317
Benzo (g,h,i) perylene	ND< 317
Benzo (k) fluoranthene	ND< 317
Chrysene	ND< 317
Dibenz (a,h) anthracene	ND< 317
Fluoranthene	ND< 317
Fluorene	ND< 317
Indeno (1,2,3-cd) pyrene	ND< 317
Naphthalene	ND< 317
Phenanthrene	ND< 317
Pyrene	ND< 317

ELAP Number 10958 Method: EPA 8270 Data File: 3728.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5295
Client Job Number:	2957S-02		
Field Location:	TB-3 (7-8')	**Date Sampled:**	06/05/2002
Field ID Number:	2957-13	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/14/2002

Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 311
Anthracene	ND< 311
Benzo (a) anthracene	ND< 311
Benzo (a) pyrene	ND< 311
Benzo (b) fluoranthene	ND< 311
Benzo (g,h,i) perylene	ND< 311
Benzo (k) fluoranthene	ND< 311
Chrysene	ND< 311
Dibenz (a,h) anthracene	ND< 311
Fluoranthene	ND< 311
Fluorene	ND< 311
Indeno (1,2,3-cd) pyrene	ND< 311
Naphthalene	531
Phenanthrene	ND< 311
Pyrene	ND< 311

ELAP Number 10958 Method: EPA 8270 Data File: 3729.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409s2.xls

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Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5296
Client Job Number:	2957S-02		
Field Location:	TB-4 (2.5')	**Date Sampled:**	06/05/2002
Field ID Number:	2957-14	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/14/2002

Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 321
Anthracene	ND< 321
Benzo (a) anthracene	ND< 321
Benzo (a) pyrene	ND< 321
Benzo (b) fluoranthene	ND< 321
Benzo (g,h,i) perylene	ND< 321
Benzo (k) fluoranthene	ND< 321
Chrysene	ND< 321
Dibenz (a,h) anthracene	ND< 321
Fluoranthene	ND< 321
Fluorene	ND< 321
Indeno (1,2,3-cd) pyrene	ND< 321
Naphthalene	ND< 321
Phenanthrene	ND< 321
Pyrene	ND< 321

ELAP Number 10958 Method: EPA 8270 Data File: 3730.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409s3.xls

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Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5298
Client Job Number:	2957S-02		
Field Location:	TB-24 (8-10')	**Date Sampled:**	06/06/2002
Field ID Number:	2957-16	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/14/2002

Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 332
Anthracene	ND< 332
Benzo (a) anthracene	ND< 332
Benzo (a) pyrene	ND< 332
Benzo (b) fluoranthene	ND< 332
Benzo (g,h,i) perylene	ND< 332
Benzo (k) fluoranthene	ND< 332
Chrysene	ND< 332
Dibenz (a,h) anthracene	ND< 332
Fluoranthene	ND< 332
Fluorene	ND< 332
Indeno (1,2,3-cd) pyrene	ND< 332
Naphthalene	ND< 332
Phenanthrene	ND< 332
Pyrene	ND< 332

ELAP Number 10958 Method: EPA 8270 Data File: 3734.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

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Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5300
Client Job Number:	2957S-02		
Field Location:	TB-23 (9')	**Date Sampled:**	06/06/2002
Field ID Number:	2957-18	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/14/2002

Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 306
Anthracene	ND< 306
Benzo (a) anthracene	ND< 306
Benzo (a) pyrene	ND< 306
Benzo (b) fluoranthene	ND< 306
Benzo (g,h,i) perylene	ND< 306
Benzo (k) fluoranthene	ND< 306
Chrysene	ND< 306
Dibenz (a,h) anthracene	ND< 306
Fluoranthene	ND< 306
Fluorene	ND< 306
Indeno (1,2,3-cd) pyrene	ND< 306
Naphthalene	2,530
Phenanthrene	ND< 306
Pyrene	ND< 306

ELAP Number 10958 Method: EPA 8270 Data File: 3736.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogestegar: Technical Director

Chain of Custody provides additional sample information

File ID: 021409s5.xls

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Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

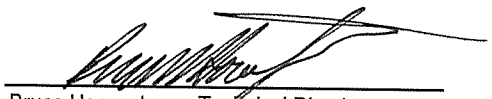
Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5303
Client Job Number:	2957S-02		
Field Location:	SS-1	**Date Sampled:**	06/07/2002
Field ID Number:	2957-01	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/14/2002

Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 2,900
Anthracene	ND< 2,900
Benzo (a) anthracene	ND< 2,900
Benzo (a) pyrene	ND< 2,900
Benzo (b) fluoranthene	3,460
Benzo (g,h,i) perylene	ND< 2,900
Benzo (k) fluoranthene	ND< 2,900
Chrysene	ND< 2,900
Dibenz (a,h) anthracene	ND< 2,900
Fluoranthene	5,550
Fluorene	ND< 2,900
Indeno (1,2,3-cd) pyrene	ND< 2,900
Naphthalene	ND< 2,900
Phenanthrene	3,150
Pyrene	5,700

ELAP Number 10958 Method: EPA 8270 Data File: 3745.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: 

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409S6.XLS

PARADIGM
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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5293
Client Job Number:	2957S-02		
Field Location:	TB-8 (7')	**Date Sampled:**	06/05/2002
Field ID Number:	2957-11	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/12/2002

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 7.14
Bromomethane	ND< 7.14
Bromoform	ND< 7.14
Carbon tetrachloride	ND< 7.14
Chloroethane	ND< 7.14
Chloromethane	ND< 7.14
2-Chloroethyl vinyl ether	ND< 7.14
Chloroform	ND< 7.14
Dibromochloromethane	ND< 7.14
1,1-Dichloroethane	ND< 7.14
1,2-Dichloroethane	ND< 7.14
1,1-Dichloroethene	ND< 7.14
cis-1,2-Dichloroethene	ND< 7.14
trans-1,2-Dichloroethene	ND< 7.14
1,2-Dichloropropane	ND< 7.14
cis-1,3-Dichloropropene	ND< 7.14
trans-1,3-Dichloropropene	ND< 7.14
Methylene chloride	ND< 17.9
1,1,2,2-Tetrachloroethane	ND< 7.14
Tetrachloroethene	ND< 7.14
1,1,1-Trichloroethane	ND< 7.14
1,1,2-Trichloroethane	ND< 7.14
Trichloroethene	ND< 7.14
Trichlorofluoromethane	ND< 7.14
Vinyl Chloride	ND< 7.14

Aromatics	Results in ug / Kg
Benzene	ND< 7.14
Chlorobenzene	ND< 7.14
Ethylbenzene	ND< 7.14
Toluene	ND< 7.14
m,p - Xylene	ND< 7.14
o - Xylene	ND< 7.14
Styrene	ND< 7.14
1,2-Dichlorobenzene	ND< 7.14
1,3-Dichlorobenzene	ND< 7.14
1,4-Dichlorobenzene	ND< 7.14

Ketones	Results in ug / Kg
Acetone	ND< 35.7
2-Butanone	ND< 17.9
2-Hexanone	ND< 17.9
4-Methyl-2-pentanone	ND< 17.9

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 17.9
Vinyl acetate	ND< 17.9

ELAP Number 10958 Method: EPA 8260B Data File: 60128.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: 

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409V1.XLS

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Volatile Analysis Report for Soils/Solids/Sludges (Additional STARS Compounds)

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5293
Client Job Number:	2957S-02		
Field Location:	TB-8 (7')	**Date Sampled:**	06/05/2002
Field ID Number:	2957-11	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/12/2002

Aromatics	Results in ug / Kg	Aromatics	Results in ug / Kg
n-Butylbenzene	ND< 7.14	1,2,4-Trimethylbenzene	44.9
sec-Butylbenzene	ND< 7.14	1,3,5-Trimethylbenzene	10.6
tert-Butylbenzene	ND< 7.14		
n-Propylbenzene	ND< 7.14	**Miscellaneous**	
Isopropylbenzene	ND< 7.14	Methyl tert-Butyl Ether	ND< 7.14
p-Isopropyltoluene	ND< 7.14		
Naphthalene	ND< 17.9		

ELAP Number 10958 Method: EPA 8260 Data File: 60128.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 021409W1.XLS

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Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5294
Client Job Number:	2957S-02		
Field Location:	TB-27 (8.5')	**Date Sampled:**	06/07/2002
Field ID Number:	2957-12	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/13/2002

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 8.65
Bromomethane	ND< 8.65
Bromoform	ND< 8.65
Carbon tetrachloride	ND< 8.65
Chloroethane	ND< 8.65
Chloromethane	ND< 8.65
2-Chloroethyl vinyl ether	ND< 8.65
Chloroform	ND< 8.65
Dibromochloromethane	ND< 8.65
1,1-Dichloroethane	ND< 8.65
1,2-Dichloroethane	ND< 8.65
1,1-Dichloroethene	ND< 8.65
cis-1,2-Dichloroethene	ND< 8.65
trans-1,2-Dichloroethene	ND< 8.65
1,2-Dichloropropane	ND< 8.65
cis-1,3-Dichloropropene	ND< 8.65
trans-1,3-Dichloropropene	ND< 8.65
Methylene chloride	ND< 21.6
1,1,2,2-Tetrachloroethane	ND< 8.65
Tetrachloroethene	ND< 8.65
1,1,1-Trichloroethane	ND< 8.65
1,1,2-Trichloroethane	ND< 8.65
Trichloroethene	ND< 8.65
Trichlorofluoromethane	ND< 8.65
Vinyl Chloride	ND< 8.65

Aromatics	Results in ug / Kg
Benzene	ND< 8.65
Chlorobenzene	ND< 8.65
Ethylbenzene	ND< 8.65
Toluene	ND< 8.65
m,p - Xylene	ND< 8.65
o - Xylene	ND< 8.65
Styrene	ND< 8.65
1,2-Dichlorobenzene	ND< 8.65
1,3-Dichlorobenzene	ND< 8.65
1,4-Dichlorobenzene	ND< 8.65

Ketones	Results in ug / Kg
Acetone	ND< 43.3
2-Butanone	ND< 21.6
2-Hexanone	ND< 21.6
4-Methyl-2-pentanone	ND< 21.6

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 21.6
Vinyl acetate	ND< 21.6

ELAP Number 10958 Method: EPA 8260B Data File: 60129.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409V2.XLS

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Volatile Analysis Report for Soils/Solids/Sludges (Additional STARS Compounds)

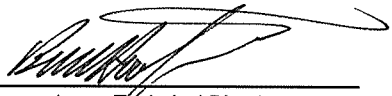
Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5294
Client Job Number:	2957S-02		
Field Location:	TB-27 (8.5')	**Date Sampled:**	06/07/2002
Field ID Number:	2957-12	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/13/2002

Aromatics	Results in ug / Kg	Aromatics	Results in ug / Kg
n-Butylbenzene	ND< 8.65	1,2,4-Trimethylbenzene	20.5
sec-Butylbenzene	ND< 8.65	1,3,5-Trimethylbenzene	ND< 8.65
tert-Butylbenzene	ND< 8.65		
n-Propylbenzene	ND< 8.65	**Miscellaneous**	
Isopropylbenzene	ND< 8.65	Methyl tert-Butyl Ether	ND< 8.65
p-Isopropyltoluene	ND< 8.65		
Naphthalene	ND< 21.6		

ELAP Number 10958 Method: EPA 8260 Data File: 60129.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: 

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409W2.XLS

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Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5295
Client Job Number:	2957S-02		
Field Location:	TB-3 (7-8')	**Date Sampled:**	06/05/2002
Field ID Number:	2957-13	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/13/2002

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 11.0
Bromomethane	ND< 11.0
Bromoform	ND< 11.0
Carbon tetrachloride	ND< 11.0
Chloroethane	ND< 11.0
Chloromethane	ND< 11.0
2-Chloroethyl vinyl ether	ND< 11.0
Chloroform	ND< 11.0
Dibromochloromethane	ND< 11.0
1,1-Dichloroethane	ND< 11.0
1,2-Dichloroethane	ND< 11.0
1,1-Dichloroethene	ND< 11.0
cis-1,2-Dichloroethene	ND< 11.0
trans-1,2-Dichloroethene	ND< 11.0
1,2-Dichloropropane	ND< 11.0
cis-1,3-Dichloropropene	ND< 11.0
trans-1,3-Dichloropropene	ND< 11.0
Methylene chloride	ND< 27.4
1,1,2,2-Tetrachloroethane	ND< 11.0
Tetrachloroethene	ND< 11.0
1,1,1-Trichloroethane	ND< 11.0
1,1,2-Trichloroethane	ND< 11.0
Trichloroethene	ND< 11.0
Trichlorofluoromethane	ND< 11.0
Vinyl Chloride	ND< 11.0

Aromatics	Results in ug / Kg
Benzene	ND< 11.0
Chlorobenzene	ND< 11.0
Ethylbenzene	275
Toluene	ND< 11.0
m,p - Xylene	791
o - Xylene	164
Styrene	ND< 11.0
1,2-Dichlorobenzene	ND< 11.0
1,3-Dichlorobenzene	ND< 11.0
1,4-Dichlorobenzene	ND< 11.0

Ketones	Results in ug / Kg
Acetone	ND< 54.8
2-Butanone	ND< 27.4
2-Hexanone	ND< 27.4
4-Methyl-2-pentanone	ND< 27.4

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 27.4
Vinyl acetate	ND< 27.4

ELAP Number 10958 Method: EPA 8260B Data File: 60130.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: 

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409V3.XLS

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ENVIRONMENTAL SERVICES, INC.
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Volatile Analysis Report for Soils/Solids/Sludges (Additional STARS Compounds)

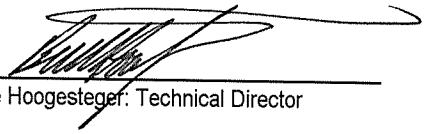
Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5295
Client Job Number:	2957S-02		
Field Location:	TB-3 (7-8')	**Date Sampled:**	06/05/2002
Field ID Number:	2957-13	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/13/2002

Aromatics	Results in ug / Kg	Aromatics	Results in ug / Kg
n-Butylbenzene	ND< 11.0	1,2,4-Trimethylbenzene	E 4,770
sec-Butylbenzene	88.7	1,3,5-Trimethylbenzene	E 1,610
tert-Butylbenzene	ND< 11.0		
n-Propylbenzene	784	**Miscellaneous**	
Isopropylbenzene	205	Methyl tert-Butyl Ether	ND< 11.0
p-Isopropyltoluene	312		
Naphthalene	ND< 27.4		

ELAP Number 10958 Method: EPA 8260 Data File: 60130.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
E denotes Estimated. Concentration exceeds calibration range

Signature: 

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409W3.XLS

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Volatile Analysis Report for Soils/Solids/Sludges (Additional STARS Compounds)

Client: Day Environmental

Client Job Site:	60-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5295
Client Job Number:	2957S-02		
Field Location:	TB-3 (7-8')	**Date Sampled:**	06/05/2002
Field ID Number:	2957-13	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/13/2002
		Date Reissued:	06/20/2002

Aromatics	Results in ug / Kg	Aromatics	Results in ug / Kg
n-Butylbenzene	ND< 11.0	1,2,4-Trimethylbenzene	5,460
sec-Butylbenzene	88.7	1,3,5-Trimethylbenzene	2,020
tert-Butylbenzene	ND< 11.0		
n-Propylbenzene	784	**Miscellaneous**	
Isopropylbenzene	205	Methyl tert-Butyl Ether	ND< 11.0
p-Isopropyltoluene	312		
Naphthalene	ND< 27.4		

ELAP Number 10958 Method: EPA 8260 Data File: 60130.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409x1.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5296
Client Job Number:	2957S-02		
Field Location:	TB-4 (2.5')	**Date Sampled:**	06/05/2002
Field ID Number:	2957-14	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/13/2002

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 12.5
Bromomethane	ND< 12.5
Bromoform	ND< 12.5
Carbon tetrachloride	ND< 12.5
Chloroethane	ND< 12.5
Chloromethane	ND< 12.5
2-Chloroethyl vinyl ether	ND< 12.5
Chloroform	ND< 12.5
Dibromochloromethane	ND< 12.5
1,1-Dichloroethane	ND< 12.5
1,2-Dichloroethane	ND< 12.5
1,1-Dichloroethene	ND< 12.5
cis-1,2-Dichloroethene	ND< 12.5
trans-1,2-Dichloroethene	ND< 12.5
1,2-Dichloropropane	ND< 12.5
cis-1,3-Dichloropropene	ND< 12.5
trans-1,3-Dichloropropene	ND< 12.5
Methylene chloride	ND< 31.3
1,1,2,2-Tetrachloroethane	ND< 12.5
Tetrachloroethene	ND< 12.5
1,1,1-Trichloroethane	ND< 12.5
1,1,2-Trichloroethane	ND< 12.5
Trichloroethene	ND< 12.5
Trichlorofluoromethane	ND< 12.5
Vinyl Chloride	ND< 12.5

Aromatics	Results in ug / Kg
Benzene	ND< 12.5
Chlorobenzene	ND< 12.5
Ethylbenzene	13.8
Toluene	ND< 12.5
m,p - Xylene	27.7
o - Xylene	ND< 12.5
Styrene	ND< 12.5
1,2-Dichlorobenzene	ND< 12.5
1,3-Dichlorobenzene	ND< 12.5
1,4-Dichlorobenzene	ND< 12.5

Ketones	Results in ug / Kg
Acetone	ND< 62.6
2-Butanone	ND< 31.3
2-Hexanone	ND< 31.3
4-Methyl-2-pentanone	ND< 31.3

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 31.3
Vinyl acetate	ND< 31.3

ELAP Number 10958 Method: EPA 8260B Data File: 60131.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 021409V4.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges (Additional STARS Compounds)

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5296
Client Job Number:	2957S-02		
Field Location:	TB-4 (2.5')	**Date Sampled:**	06/05/2002
Field ID Number:	2957-14	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/13/2002

Aromatics	Results in ug / Kg	Aromatics	Results in ug / Kg
n-Butylbenzene	ND< 12.5	1,2,4-Trimethylbenzene	52.7
sec-Butylbenzene	ND< 12.5	1,3,5-Trimethylbenzene	ND< 13.6
tert-Butylbenzene	ND< 12.5		
n-Propylbenzene	ND< 12.5	**Miscellaneous**	
Isopropylbenzene	ND< 12.5	Methyl tert-Butyl Ether	ND< 12.5
p-Isopropyltoluene	ND< 12.5		
Naphthalene	ND< 31.3		

ELAP Number 10958 Method: EPA 8260 Data File: 60131.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409W4.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5297
Client Job Number:	2957S-02		
Field Location:	TB-2 (7.5-8')	**Date Sampled:**	06/05/2002
Field ID Number:	2957-15	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/13/2002

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 8.37
Bromomethane	ND< 8.37
Bromoform	ND< 8.37
Carbon tetrachloride	ND< 8.37
Chloroethane	ND< 8.37
Chloromethane	ND< 8.37
2-Chloroethyl vinyl ether	ND< 8.37
Chloroform	ND< 8.37
Dibromochloromethane	ND< 8.37
1,1-Dichloroethane	ND< 8.37
1,2-Dichloroethane	ND< 8.37
1,1-Dichloroethene	ND< 8.37
cis-1,2-Dichloroethene	ND< 8.37
trans-1,2-Dichloroethene	ND< 8.37
1,2-Dichloropropane	ND< 8.37
cis-1,3-Dichloropropene	ND< 8.37
trans-1,3-Dichloropropene	ND< 8.37
Methylene chloride	ND< 20.9
1,1,2,2-Tetrachloroethane	ND< 8.37
Tetrachloroethene	ND< 8.37
1,1,1-Trichloroethane	ND< 8.37
1,1,2-Trichloroethane	ND< 8.37
Trichloroethene	ND< 8.37
Trichlorofluoromethane	ND< 8.37
Vinyl Chloride	ND< 8.37

Aromatics	Results in ug / Kg
Benzene	ND< 8.37
Chlorobenzene	ND< 8.37
Ethylbenzene	ND< 8.37
Toluene	ND< 8.37
m,p - Xylene	ND< 8.37
o - Xylene	ND< 8.37
Styrene	ND< 8.37
1,2-Dichlorobenzene	ND< 8.37
1,3-Dichlorobenzene	ND< 8.37
1,4-Dichlorobenzene	ND< 8.37

Ketones	Results in ug / Kg
Acetone	ND< 41.8
2-Butanone	ND< 20.9
2-Hexanone	ND< 20.9
4-Methyl-2-pentanone	ND< 20.9

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 20.9
Vinyl acetate	ND< 20.9

ELAP Number 10958 Method: EPA 8260B Data File: 60132.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: 
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409V5.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges (Additional STARS Compounds)

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5297
Client Job Number:	2957S-02		
Field Location:	TB-2 (7.5-8')	**Date Sampled:**	06/05/2002
Field ID Number:	2957-15	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/13/2002

Aromatics	Results in ug / Kg	Aromatics	Results in ug / Kg
n-Butylbenzene	ND< 8.37	1,2,4-Trimethylbenzene	ND< 8.37
sec-Butylbenzene	ND< 8.37	1,3,5-Trimethylbenzene	ND< 8.37
tert-Butylbenzene	ND< 8.37		
n-Propylbenzene	ND< 8.37	**Miscellaneous**	
Isopropylbenzene	ND< 8.37	Methyl tert-Butyl Ether	ND< 8.37
p-Isopropyltoluene	ND< 8.37		
Naphthalene	ND< 20.9		

ELAP Number 10958 Method: EPA 8260 Data File: 60132.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 021409W5.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5298
Client Job Number:	2957S-02		
Field Location:	TB-24 (8-10')	**Date Sampled:**	06/06/2002
Field ID Number:	2957-16	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/14/2002

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 14.2
Bromomethane	ND< 14.2
Bromoform	ND< 14.2
Carbon tetrachloride	ND< 14.2
Chloroethane	ND< 14.2
Chloromethane	ND< 14.2
2-Chloroethyl vinyl ether	ND< 14.2
Chloroform	ND< 14.2
Dibromochloromethane	ND< 14.2
1,1-Dichloroethane	ND< 14.2
1,2-Dichloroethane	ND< 14.2
1,1-Dichloroethene	ND< 14.2
cis-1,2-Dichloroethene	ND< 14.2
trans-1,2-Dichloroethene	ND< 14.2
1,2-Dichloropropane	ND< 14.2
cis-1,3-Dichloropropene	ND< 14.2
trans-1,3-Dichloropropene	ND< 14.2
Methylene chloride	ND< 35.5
1,1,2,2-Tetrachloroethane	ND< 14.2
Tetrachloroethene	ND< 14.2
1,1,1-Trichloroethane	ND< 14.2
1,1,2-Trichloroethane	ND< 14.2
Trichloroethene	ND< 14.2
Trichlorofluoromethane	ND< 14.2
Vinyl Chloride	ND< 14.2

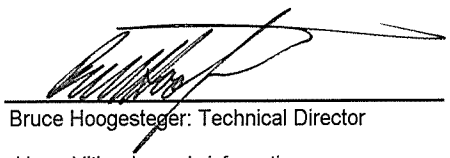
Aromatics	Results in ug / Kg
Benzene	ND< 14.2
Chlorobenzene	ND< 14.2
Ethylbenzene	ND< 14.2
Toluene	ND< 14.2
m,p - Xylene	ND< 14.2
o - Xylene	ND< 14.2
Styrene	ND< 14.2
1,2-Dichlorobenzene	ND< 14.2
1,3-Dichlorobenzene	ND< 14.2
1,4-Dichlorobenzene	ND< 14.2

Ketones	Results in ug / Kg
Acetone	ND< 71.1
2-Butanone	ND< 35.5
2-Hexanone	ND< 35.5
4-Methyl-2-pentanone	ND< 35.5

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 35.5
Vinyl acetate	ND< 35.5

ELAP Number 10958 Method: EPA 8260B Data File: 60149.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: 

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409v6.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges (Additional STARS Compounds)

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5298
Client Job Number:	2957S-02		
Field Location:	TB-24 (8-10')	**Date Sampled:**	06/06/2002
Field ID Number:	2957-16	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/14/2002

Aromatics	Results in ug / Kg	Aromatics	Results in ug / Kg
n-Butylbenzene	ND< 14.2	1,2,4-Trimethylbenzene	ND< 14.2
sec-Butylbenzene	ND< 14.2	1,3,5-Trimethylbenzene	ND< 14.2
tert-Butylbenzene	ND< 14.2		
n-Propylbenzene	ND< 14.2	**Miscellaneous**	
Isopropylbenzene	ND< 14.2	Methyl tert-Butyl Ether	ND< 14.2
p-Isopropyltoluene	16.2		
Naphthalene	ND< 35.5		

ELAP Number 10958 Method: EPA 8260 Data File: 60149.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409W6.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5300
Client Job Number:	2957S-02		
Field Location:	TB-23 (9')	**Date Sampled:**	06/06/2002
Field ID Number:	2957-18	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/14/2002

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 73.3
Bromomethane	ND< 73.3
Bromoform	ND< 73.3
Carbon tetrachloride	ND< 73.3
Chloroethane	ND< 73.3
Chloromethane	ND< 73.3
2-Chloroethyl vinyl ether	ND< 73.3
Chloroform	ND< 73.3
Dibromochloromethane	ND< 73.3
1,1-Dichloroethane	ND< 73.3
1,2-Dichloroethane	ND< 73.3
1,1-Dichloroethene	ND< 73.3
cis-1,2-Dichloroethene	ND< 73.3
trans-1,2-Dichloroethene	ND< 73.3
1,2-Dichloropropane	ND< 73.3
cis-1,3-Dichloropropene	ND< 73.3
trans-1,3-Dichloropropene	ND< 73.3
Methylene chloride	ND< 183
1,1,2,2-Tetrachloroethane	ND< 73.3
Tetrachloroethene	ND< 73.3
1,1,1-Trichloroethane	ND< 73.3
1,1,2-Trichloroethane	ND< 73.3
Trichloroethene	ND< 73.3
Trichlorofluoromethane	ND< 73.3
Vinyl Chloride	ND< 73.3

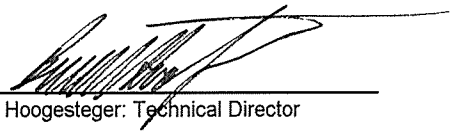
Aromatics	Results in ug / Kg
Benzene	ND< 73.3
Chlorobenzene	ND< 73.3
Ethylbenzene	5,440
Toluene	ND< 73.3
m,p - Xylene	20,000
o - Xylene	5,130
Styrene	ND< 73.3
1,2-Dichlorobenzene	ND< 73.3
1,3-Dichlorobenzene	ND< 73.3
1,4-Dichlorobenzene	ND< 73.3

Ketones	Results in ug / Kg
Acetone	ND< 366
2-Butanone	ND< 183
2-Hexanone	ND< 183
4-Methyl-2-pentanone	ND< 183

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 183
Vinyl acetate	ND< 183

ELAP Number 10958 Method: EPA 8260B Data File: 60150.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: 

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409V7.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges (Additional STARS Compounds)

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5300
Client Job Number:	2957S-02		
Field Location:	TB-23 (9')	**Date Sampled:**	06/06/2002
Field ID Number:	2957-18	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/14/2002

Aromatics	Results in ug / Kg	Aromatics	Results in ug / Kg
n-Butylbenzene	ND< 73.3	1,2,4-Trimethylbenzene	E 42,500
sec-Butylbenzene	1,200	1,3,5-Trimethylbenzene	E 13,200
tert-Butylbenzene	ND< 73.3		
n-Propylbenzene	E 8,480	**Miscellaneous**	
Isopropylbenzene	1,720	Methyl tert-Butyl Ether	ND< 73.3
p-Isopropyltoluene	2,940		
Naphthalene	323		

ELAP Number 10958 Method: EPA 8260 Data File: 60150.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
E denotes Estimated. Concentration exceeds Calibration range.

Signature:

Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 021409W7.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5302
Client Job Number:	2957S-02		
Field Location:	TB-14 (8')	**Date Sampled:**	06/06/2002
Field ID Number:	2957-20	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/14/2002

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 4,410
Bromomethane	ND< 4,410
Bromoform	ND< 4,410
Carbon tetrachloride	ND< 4,410
Chloroethane	ND< 4,410
Chloromethane	ND< 4,410
2-Chloroethyl vinyl ether	ND< 4,410
Chloroform	ND< 4,410
Dibromochloromethane	ND< 4,410
1,1-Dichloroethane	ND< 4,410
1,2-Dichloroethane	ND< 4,410
1,1-Dichloroethene	ND< 4,410
cis-1,2-Dichloroethene	ND< 4,410
trans-1,2-Dichloroethene	ND< 4,410
1,2-Dichloropropane	ND< 4,410
cis-1,3-Dichloropropene	ND< 4,410
trans-1,3-Dichloropropene	ND< 4,410
Methylene chloride	ND< 11,000
1,1,2,2-Tetrachloroethane	ND< 4,410
Tetrachloroethene	ND< 4,410
1,1,1-Trichloroethane	ND< 4,410
1,1,2-Trichloroethane	ND< 4,410
Trichloroethene	ND< 4,410
Trichlorofluoromethane	ND< 4,410
Vinyl Chloride	ND< 4,410

Aromatics	Results in ug / Kg
Benzene	ND< 4,410
Chlorobenzene	ND< 4,410
Ethylbenzene	34,600
Toluene	ND< 4,410
m,p - Xylene	99,400
o - Xylene	ND< 4,410
Styrene	ND< 4,410
1,2-Dichlorobenzene	ND< 4,410
1,3-Dichlorobenzene	ND< 4,410
1,4-Dichlorobenzene	ND< 4,410

Ketones	Results in ug / Kg
Acetone	ND< 22,100
2-Butanone	ND< 11,000
2-Hexanone	ND< 11,000
4-Methyl-2-pentanone	ND< 11,000

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 11,000
Vinyl acetate	ND< 11,000

ELAP Number 10958 Method: EPA 8260B Data File: 60168.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 021409V8.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges (Additional STARS Compounds)

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5302
Client Job Number:	2957S-02		
Field Location:	TB-14 (8')	**Date Sampled:**	06/06/2002
Field ID Number:	2957-20	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/14/2002

Aromatics	Results in ug / Kg	Aromatics	Results in ug / Kg
n-Butylbenzene	ND< 4,410	1,2,4-Trimethylbenzene	217,000
sec-Butylbenzene	5,730	1,3,5-Trimethylbenzene	60,500
tert-Butylbenzene	20,800		
n-Propylbenzene	40,800	**Miscellaneous**	
Isopropylbenzene	9,030	Methyl tert-Butyl Ether	ND< 4,410
p-Isopropyltoluene	13,800		
Naphthalene	ND< 11,000		

ELAP Number 10958 Method: EPA 8260 Data File: 60168.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: 

Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 021409W8.XLS

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(716) 647-2530 * (800) 724-1997
FAX: (716) 647-3311

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
COMPANY: DAY Companies	COMPANY: SAME	LAB PROJECT #: 02-1409 / CLIENT PROJECT #: 2957S-02
ADDRESS: 40 Commercial St	ADDRESS:	
CITY: Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)
PHONE: 454-0210 FAX: 454-0825	PHONE: FAX:	STD: [X] 5 / OTHER: [ ] 1 [ ] 2 [ ] 3
PROJECT NAME/SITE NAME: 80-100 Charlotte St	ATTN: Jeff Danzinger	ATTN:
	COMMENTS:	

REQUESTED ANALYSIS

#	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	TPH	8260 STARS	8270 STARS	RCRA Metals	PCB	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	6-7-02	1145		X	2957-01 / SS-1	S	1	X		X	X	X		5303
2	6-7-02	1150		X	2957-02 / SS-2	S	1	X				X		5304
3	6-6-02	1432		X	2957-03 / TB-24 (1-2')	S	1				X			5305
4	6-5-02	1430		X	2957-04 / TB-11 (3')	S	1				X	X		5306
5	6-6-02	0920		X	2957-05 / TB-14 (3')	S	1				X	X		5307
6	6-5-02	1455		X	2957-06 / TB-12 (3.5-4)	S	1				X			5308
7	6-6-02	1215		X	2957-07 / TB-20 (2')	S	1				X			5309
8	6-6-02	1250		X	2957-08 / TB-22 (0-2')	S	1					X		5310
9	6-5-02	0925		X	2957-09 / TB-2 (3-4')	S	1					X		5311
10	6-7-02	0845		X	2957-10 / TB-28 (7.5')	S	1				X			5312

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation: | CONTAINER TYPE: | PRESERVATIONS: | HOLDING TIME: | TEMPERATURE: 21°

Sampled By: CL CLd	Date/Time: 6/7/02 4:05	Relinquished By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Received By: Jane J Oakes	Date/Time: 6/7/02 1605	Received @ Lab By:	Date/Time: 6/7/02 17:25

Total Cost:

P.I.F.

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(716) 647-2530 * (800) 724-1997
FAX: (716) 647-3311

CHAIN OF CUSTODY

REPORT TO:			INVOICE TO:		
COMPANY: DM Companies			COMPANY: SAME		
ADDRESS: 40 Commercial St			ADDRESS:		
CITY: Rochester	STATE: NY	ZIP:	CITY:	STATE:	ZIP:
PHONE: 454-0210	FAX: 454-0825		PHONE:	FAX:	
ATTN: JEFF DANZINGER			ATTN:		

LAB PROJECT #: 02-1409
CLIENT PROJECT #: 2957B-02

TURNAROUND TIME: (WORKING DAYS)
STD [ ]1 [ ]2 [ ]3 [X]5 OTHER [ ]

PROJECT NAME/SITE NAME: 80-100 Charlotte St

COMMENTS:

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	TPH	8260 STARS	8270 STARS	RCRA Metals	PCB						REMARKS	PARADIGM LAB SAMPLE NUMBER
1	6-5-02	1345		X	2957-11/TB-8 (7')	S	1	X	X										52993
2	6-7-02	0823		X	2957-12/TB-27 (8.5')	S		X	X	X									52994
3	6-5-02	1020		X	2957-13/TB-3 (7.5')	S		X	X	X									52995
4	6-5-02	1035		X	2957-14/TB-4 (7.5')	S		X	X	X									52996
5	6-5-02	0945		X	2957-15/TB-2 (7.5-8)	S		X	X										52997
6	6-6-02	1442		X	2957-16/TB-24 (8-10')	S		X	X	X									52998
7	6-6-02	1116		X	2957-17/TB-17 (9')	S		X											52999
8	6-6-02	1415		X	2957-18/TB-23 (9')	S		X	X	X									53000
9	6-6-02	1142		X	2957-19/TB-18 (9-11')	S		X											53001
10	6-6-02	0930		X	2957-20/TB-14 (8')	S		X	X										53002

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation:
CONTAINER TYPE: [ ] PRESERVATIONS: [ ] HOLDING TIME: [ ] TEMPERATURE: [ ] 21

Sampled By:	Date/Time:	Relinquished By:	Date/Time:	Total Cost:
CM CM	6/7/02 16:09			
Relinquished By:	**Date/Time:**	**Received By:**	**Date/Time:**	
Received By:	**Date/Time:**	**Received @ Lab By:**	**Date/Time:**	**P.I.F.**
Jane Dalton	6/7/02 1605	[illegible]	6/7/02 @ 17:25	

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

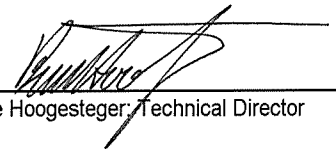
Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5293
Client Job Number:	2957S-02		
Field Location:	TB-8 (7')	**Date Sampled:**	06/05/2002
Field ID Number:	2957-11	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/12/2002

RECEIVED
JUN 24 2002
BY:----------

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / Kg	Percent Fit
Unknown Hydrocarbon	N/A	8.49	30.3	N/A
Unknown Hydrocarbon	N/A	9.35	52.1	N/A
n-Methyl Naphthalene	N/A	23.61	40.8	N/A
n-Ethyl-n'-methyl Benzene	N/A	25.62	55.1	N/A
n,n',n"-Trimethyl Benzene	N/A	26.90	58.9	N/A
Unknown Hydrocarbon	N/A	27.27	22.6	N/A
n,n',n"-Trimethyl Benzene	N/A	28.27	23.5	N/A
n-Methyl-n'-propyl Benzene	N/A	28.78	34.0	N/A
Alkyl Benzene	N/A	29.03	54.0	N/A
n-Ethyl-n',n"-dimethyl Benzene	N/A	29.83	33.0	N/A
Alkyl Benzene	N/A	30.17	46.1	N/A
n-Ethyl-n',n"-dimethyl Benzene	N/A	31.31	23.3	N/A
Alkyl Benzene	N/A	31.50	23.5	N/A

ELAP Number 10958 Method: EPA 8260B Data File: 60128.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
N/A = Not Applicable

Signature: 
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 021409t1.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5294
Client Job Number:	2957S-02		
Field Location:	TB-27 (8.5')	**Date Sampled:**	06/05/2002
Field ID Number:	2957-12	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/13/2002

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / Kg	Percent Fit
Unknown Hydrocarbon	N/A	9.52	40.7	N/A
n-Ethyl-n'-methyl Benzene	N/A	25.62	32.3	N/A
Alkyl Benzene	N/A	26.89	39.7	N/A
Alkyl Benzene	N/A	29.00	36.9	N/A
Alkyl Benzene	N/A	30.16	22.2	N/A

ELAP Number 10958 Method: EPA 8260B Data File: 60129.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
N/A = Not Applicable

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409T2.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5296
Client Job Number:	2957S-02		
Field Location:	TB-4 (2.5')	**Date Sampled:**	06/05/2002
Field ID Number:	2957-14	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/13/2002

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / Kg	Percent Fit
Alkyl Hydrocarbon	N/A	12.06	78.7	N/A
Unknown Hydrocarbon	N/A	15.47	62.8	N/A
Alkyl Hydrocarbon	N/A	23.63	75.9	N/A
n-Ethyl-n''-methyl Benzene	N/A	25.64	95.6	N/A
n,n',n''-Trimethyl Benzene	N/A	26.89	76.5	N/A
Unknown Hydrocarbon	N/A	27.23	79.2	N/A
n,n',n''-Trimethyl Benzene	N/A	28.28	56.8	N/A
Alkyl Benzene	N/A	28.79	63.0	N/A
Alkyl Benzene	N/A	29.02	91.9	N/A
n-Methyl-n'-Propyl Benzene	N/A	29.53	52.3	N/A
n-Ethyl-n',n''-dimethyl Benzene	N/A	29.82	83.2	N/A
n-Ethyl-n',n''-dimethyl Benzene	N/A	30.19	149	N/A
Unknown Hydrocarbon	N/A	30.79	69.6	N/A
Alkyl Benzene	N/A	31.29	128	N/A
Alkyl Benzene	N/A	31.52	118	N/A
Unknown Hydrocarbon	N/A	31.83	80.4	N/A
Unknown Hydrocarbon	N/A	32.63	70.8	N/A
Unknown Hydrocarbon	N/A	33.14	59.8	N/A

ELAP Number 10958 Method: EPA 8260B Data File: 60130.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
N/A = Not Applicable

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409T3.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5297
Client Job Number:	2957S-02		
Field Location:	TB-2 (7.5-8')	**Date Sampled:**	06/05/2002
Field ID Number:	2957-15	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/13/2002

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / Kg	Percent Fit
Alkyl Hydrocarbon	N/A	9.46	86.8	N/A
Alkyl Hydrocarbon	N/A	12.04	463	N/A
Alkyl Hydrocarbon	N/A	13.91	418	N/A
Alkyl Hydrocarbon	N/A	15.10	327	N/A
Alkyl Hydrocarbon	N/A	15.44	318	N/A
Alkyl Hydrocarbon	N/A	17.71	59.3	N/A
Alkyl Hydrocarbon	N/A	20.13	72.3	N/A
Alkyl Hydrocarbon	N/A	21.16	62.6	N/A
Alkyl Hydrocarbon	N/A	22.21	96.1	N/A
Alkyl Hydrocarbon	N/A	22.49	90.4	N/A
Alkyl Hydrocarbon	N/A	22.95	136	N/A
Alkyl Hydrocarbon	N/A	23.54	184	N/A
Alkyl Hydrocarbon	N/A	24.17	193	N/A
Alkyl Hydrocarbon	N/A	25.67	177	N/A
Alkyl Hydrocarbon	N/A	26.24	77.0	N/A
Alkyl Hydrocarbon	N/A	26.47	220	N/A
Alkyl Hydrocarbon	N/A	27.26	398	N/A
Alkyl Hydrocarbon	N/A	29.03	694	N/A

ELAP Number 10958 Method: EPA 8260B Data File: 60132.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
N/A = Not Applicable

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409t4.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1409
		Lab Sample Number:	5298
Client Job Number:	2957S-02		
Field Location:	TB-24 (8-10')	**Date Sampled:**	06/05/2002
Field ID Number:	2957-16	**Date Received:**	06/07/2002
Sample Type:	Soil	**Date Analyzed:**	06/14/2002

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / Kg	Percent Fit
Alkyl Hydrocarbon	N/A	12.04	448	N/A
Alkyl Hydrocarbon	N/A	14.06	535	N/A
Alkyl Hydrocarbon	N/A	14.57	118	N/A
Alkyl Hydrocarbon	N/A	15.11	452	N/A
Alkyl Hydrocarbon	N/A	15.48	767	N/A
Alkyl Cyclohexane	N/A	16.84	117	N/A
Alkyl Hydrocarbon	N/A	17.92	115	N/A
Unknown Hydrocarbon	N/A	19.54	200	N/A
Alkyl Hydrocarbon	N/A	20.11	167	N/A
Alkyl Hydrocarbon	N/A	22.15	111	N/A
Alkyl Hydrocarbon	N/A	22.52	140	N/A
Alkyl Hydrocarbon	N/A	22.95	151	N/A
Alkyl Hydrocarbon	N/A	23.52	277	N/A
Alkyl Hydrocarbon	N/A	23.97	248	N/A
Alkyl Hydrocarbon	N/A	26.47	204	N/A
Alkyl Hydrocarbon	N/A	27.24	299	N/A
n,n'-Diethyl Benzene	N/A	28.80	227	N/A
Alkyl Benzene	N/A	30.19	130	N/A

ELAP Number 10958 Method: EPA 8260B Data File: 60149.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
N/A = Not Applicable

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021409T5.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental
Client Job Site: 80-100 Charlotte St.
Client Job No.: 2957S-02
Field Location: TB-12 (3.5-4)
Field ID No.: 2957-06

Lab Project No.: 02-1409R
Lab Sample No.: 5308R
Sample Type: TCLP Extract
Date Sampled: 06/05/2002
Date Received: 06/18/2002

Laboratory Report for TCLP Metals Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)	Regulatory Limit (mg/L)
TCLP Metal Series				
Arsenic	06/21/2002	EPA 6010	<0.100	5.0
Barium	06/21/2002	EPA 6010	0.642	100.0
Cadmium	06/21/2002	EPA 6010	<0.025	1.0
Chromium	06/21/2002	EPA 6010	<0.050	5.0
Lead	06/21/2002	EPA 6010	<0.100	5.0
Mercury	06/21/2002	EPA 7470	<0.0020	0.2
Selenium	06/21/2002	EPA 6010	<0.100	1.0
Silver	06/21/2002	EPA 6010	<0.050	5.0

ELAP ID No.: 10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information.

File ID:021409r

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(716) 647-2530 * (800) 724-1997
FAX: (716) 647-3311

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
COMPANY: DAY ~~COMPANIES~~ Environmental	COMPANY:	LAB PROJECT #: 02-1409R / CLIENT PROJECT #: 2957S-02
ADDRESS: 40 Commercial St	ADDRESS: SAME	
CITY: Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)
PHONE: 454-0210 FAX: 454-0825	PHONE: FAX:	STD / OTHER
PROJECT NAME/SITE NAME: 80-100 Charlotte St.	ATTN: Jeff Danzinger 114	ATTN: 1 2 3 X 5
	COMMENTS:	

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	TPH	8260 STARS	8270 STARS	RCRA Metals	PCB	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 6-7-02	1145		X	2957-01 / SS-1	S	1	X		X	X	X		5303
2 6-7-02	1150		X	2957-02 / SS-2	S	1	X				X		5304
3 6-6-02	1432		X	2957-03 / TB-24 (1-2')	S	1				X			5305
4 6-5-02	1430		X	2957-04 / TB-11 (3')	S	1				X	X		5306
5 6-6-02	0920		X	2957-05 / TB-14 (3')	S	1				X	X		5307
6 6-5-02	1455		X	2957-06 / TB-12 (3.5-4)	S	1				X		release TCLP Metals	5308R
7 6-6-02	1215		X	2957-07 / TB-20 (2')	S	1				X		[signature] 6/18/02 1415	5309
8 6-6-02	1250		X	2957-08 / TB-22 (0-2')	S	1					X		5310
9 6-5-02	0925		X	2957-09 / TB-2 (3-4')	S	1					X		5311
10 6-7-02	0845		X	2957-10 / TB-28	S	1				X			5312

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation: | CONTAINER TYPE: | PRESERVATIONS: | HOLDING TIME: | TEMPERATURE: 21°

Sampled By: [signature]	Date/Time: 6/7/02 4:05	Relinquished By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Received By: [signature]	Date/Time: 6/7/02 1605	Received @ Lab By: [signature]	Date/Time: 6/7/02 17:25

Total Cost:

P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1408
		Lab Sample Number:	5292
Client Job Number:	2957S-02		
Field Location:	2957-21 / TB-17	**Date Sampled:**	06/07/2002
Field ID Number:	N/A	**Date Received:**	06/07/2002
Sample Type:	Water	**Date Analyzed:**	06/13/2002

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 400
Bromomethane	ND< 400
Bromoform	ND< 400
Carbon tetrachloride	ND< 400
Chloroethane	ND< 400
Chloromethane	ND< 400
2-Chloroethyl vinyl ether	ND< 400
Chloroform	ND< 400
Dibromochloromethane	ND< 400
1,1-Dichloroethane	ND< 400
1,2-Dichloroethane	ND< 400
1,1-Dichloroethene	ND< 400
cis-1,2-Dichloroethene	ND< 400
trans-1,2-Dichloroethene	ND< 400
1,2-Dichloropropane	ND< 400
cis-1,3-Dichloropropene	ND< 400
trans-1,3-Dichloropropene	ND< 400
Methylene chloride	ND< 1,000
1,1,2,2-Tetrachloroethane	ND< 400
Tetrachloroethene	ND< 400
1,1,1-Trichloroethane	ND< 400
1,1,2-Trichloroethane	ND< 400
Trichloroethene	ND< 400
Trichlorofluoromethane	ND< 400
Vinyl Chloride	ND< 400

Aromatics	Results in ug / L
Benzene	ND< 140
Chlorobenzene	ND< 400
Ethylbenzene	4,860
Toluene	ND< 400
m,p - Xylene	13,900
o - Xylene	2,550
Styrene	ND< 400
1,2-Dichlorobenzene	ND< 400
1,3-Dichlorobenzene	ND< 400
1,4-Dichlorobenzene	ND< 400

Ketones	Results in ug / L
Acetone	ND< 2,000
2-Butanone	ND< 1,000
2-Hexanone	ND< 1,000
4-Methyl-2-pentanone	ND< 1,000

Miscellaneous	Results in ug / L
Carbon disulfide	ND< 1,000
Vinyl acetate	ND< 1,000

ELAP Number 10958 Method: EPA 8260B Data File: 60139.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:

Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 021408v1.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water (Additional STARS Compounds)

Client: Day Environmental

Client Job Site:	80-100 Charlotte St	**Lab Project Number:**	02-1408
		Lab Sample Number:	5292
Client Job Number:	2957S-02		
Field Location:	2957-21 / TB-17	**Date Sampled:**	06/07/2002
Field ID Number:	N/A	**Date Received:**	06/07/2002
Sample Type:	Water	**Date Analyzed:**	06/13/2002

Aromatics	Results in ug / L	Aromatics	Results in ug / L
n-Butylbenzene	ND< 400	1,2,4-Trimethylbenzene	32,800
sec-Butylbenzene	1,040	1,3,5-Trimethylbenzene	8,130
tert-Butylbenzene	ND< 400		
n-Propylbenzene	7,290	**Miscellaneous**	
Isopropylbenzene	1,760	Methyl tert-Butyl Ether	ND< 400
p-Isopropyltoluene	1,920		
Naphthalene	ND< 1,000		

ELAP Number 10958 Method: EPA 8260 Data File: 60139.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021408v2.xls

PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(716) 647-2530 * (800) 724-1997
FAX: (716) 647-3311

CHAIN OF CUSTODY

PROJECT NAME/SITE NAME: 80-100 Charlotte St.

REPORT TO:
COMPANY: Day Companies Env
ADDRESS: 40 Commercial St
CITY: Rochester STATE: NY ZIP:
PHONE: 454-0210 FAX: 454-0210
ATTN: Jeff Danzinger
COMMENTS:

INVOICE TO:
COMPANY: SAME
ADDRESS:
CITY: STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 02-1408
CLIENT PROJECT #: 29575-02

TURNAROUND TIME: (WORKING DAYS) ☐ 1 ☐ 2 ☐ 3 ☒ 5 (STD) ☐ OTHER

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	8260 + STARS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	6-7-02	1050		X	~~29575-21/TB-17~~ 2957-21/TB-17 (client per JD 6/10)	W	2	X		5292
2										
3										
4										
5										
6										
7										
8										
9										
10										

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation:
CONTAINER TYPE: ✓ PRESERVATIONS: ✓ HOLDING TIME: ✓ TEMPERATURE: ✓ 19

Sampled By: [signature]	Date/Time: 6/7/02 16:04	Relinquished By:	Date/Time:	Total Cost:
Relinquished By:	Date/Time:	Received By:	Date/Time:	
Received By: [signature]	Date/Time: 6/7/02 1605	Received @ Lab By: [signature]	Date/Time: 6/7/02 @ 17:20	P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: Day Environmental, Inc.

Client Job Site:	80-100 Charlotte St.	**Lab Project Number:**	02-1520
		Lab Sample Number:	5640
Client Job Number:	RoCity 2957S-02		
Field Location:	2957-MW-1	**Date Sampled:**	06/18/2002
Field ID Number:	N/A	**Date Received:**	06/18/2002
Sample Type:	Water	**Date Analyzed:**	06/25/2002

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00
Bromomethane	ND< 2.00
Bromoform	ND< 2.00
Carbon Tetrachloride	ND< 2.00
Chloroethane	ND< 2.00
Chloromethane	ND< 2.00
2-Chloroethyl Vinyl Ether	ND< 2.00
Chloroform	ND< 2.00
Dibromochloromethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis 1,2-Dichloroethene	ND< 2.00
trans 1,2-Dichloroethene	ND< 2.00
1,2-Dichloropropane	ND< 2.00
cis 1,3-Dichloropropene	ND< 2.00
trans 1,3-Dichloropropene	ND< 2.00
Methylene Chloride	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	ND< 2.00
Trichlorofluoroethane	ND< 2.00
Vinyl Chloride	ND< 2.00

Aromatics	Results in ug / L
Benzene	ND< 0.700
Chlorobenzene	ND< 2.00
Ethylbenzene	ND< 2.00
Toluene	ND< 2.00
m,p-Xylene	4.47
o-Xylene	2.27
Styrene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00

Ketones	Results in ug / L
Acetone	ND< 10.0
2-Butanone	ND< 5.00
2-Hexanone	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00

Miscellaneous	Results in ug / L
Carbon Disulfide	ND< 5.00
Vinyl Acetate	ND< 5.00

ELAP Number 10958 Method: EPA 8260B Data File: 11042.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 021520V5.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water (Additional STARS Compounds)

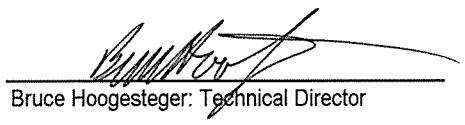
Client: Day Environmental, Inc.

Client Job Site:	RoCity 80-100 Charlotte St.	**Lab Project Number:** **Lab Sample Number:**	02-1520 5640
Client Job Number:	2957S-02		
Field Location:	2957-MW-1	**Date Sampled:**	06/18/2002
Field ID Number:	N/A	**Date Received:**	06/18/2002
Sample Type:	Water	**Date Analyzed:**	06/25/2002

Aromatics	Results in ug / L	Aromatics	Results in ug / L
n-Butylbenzene	ND< 2.00	1,2,4-Trimethylbenzene	8.13
sec-Butylbenzene	ND< 2.00	1,3,5-Trimethylbenzene	2.34
tert-Butylbenzene	ND< 2.00		
n-Propylbenzene	2.04	**Miscellaneous**	
Isopropylbenzene	ND< 2.00	Methyl tert-butyl Ether	ND< 2.00
p-Isopropyltoluene	ND< 2.00		
Naphthalene	ND< 5.00		

ELAP Number 10958 Method: EPA 8260 Data File: 11029.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: 

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021520V1.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: Day Environmental, Inc.

Client Job Site:	80-100 Charlotte St.	**Lab Project Number:**	02-1520
		Lab Sample Number:	5641
Client Job Number:	RoCity 2957S-02		
Field Location:	2957-MW-2	**Date Sampled:**	06/18/2002
Field ID Number:	N/A	**Date Received:**	06/18/2002
Sample Type:	Water	**Date Analyzed:**	06/25/2002

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00
Bromomethane	ND< 2.00
Bromoform	ND< 2.00
Carbon Tetrachloride	ND< 2.00
Chloroethane	ND< 2.00
Chloromethane	ND< 2.00
2-Chloroethyl Vinyl Ether	ND< 2.00
Chloroform	ND< 2.00
Dibromochloromethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis 1,2-Dichloroethene	ND< 2.00
trans 1,2-Dichloroethene	ND< 2.00
1,2-Dichloropropane	ND< 2.00
cis 1,3-Dichloropropene	ND< 2.00
trans 1,3-Dichloropropene	ND< 2.00
Methylene Chloride	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	ND< 2.00
Trichlorofluoroethane	ND< 2.00
Vinyl Chloride	ND< 2.00

Aromatics	Results in ug / L
Benzene	ND< 0.700
Chlorobenzene	ND< 2.00
Ethylbenzene	4.66
Toluene	ND< 2.00
m,p-Xylene	5.78
o-Xylene	ND< 2.00
Styrene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00

Ketones	Results in ug / L
Acetone	ND< 10.0
2-Butanone	ND< 5.00
2-Hexanone	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00

Miscellaneous	Results in ug / L
Carbon Disulfide	ND< 5.00
Vinyl Acetate	ND< 5.00

ELAP Number 10958 Method: EPA 8260B Data File: 11043.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021520V6.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water (Additional STARS Compounds)

Client: Day Environmental, Inc.

Client Job Site:	RoCity 80-100 Charlotte St.	**Lab Project Number:** **Lab Sample Number:**	02-1520 5641
Client Job Number:	2957S-02		
Field Location:	2957-MW-2	**Date Sampled:**	06/18/2002
Field ID Number:	N/A	**Date Received:**	06/18/2002
Sample Type:	Water	**Date Analyzed:**	06/25/2002

Aromatics	Results in ug / L	Aromatics	Results in ug / L
n-Butylbenzene	54.5	1,2,4-Trimethylbenzene	80.6
sec-Butylbenzene	24.7	1,3,5-Trimethylbenzene	20.6
tert-Butylbenzene	ND< 2.00		
n-Propylbenzene	45.0	**Miscellaneous**	
Isopropylbenzene	16.9	Methyl tert-butyl Ether	ND< 2.00
p-Isopropyltoluene	14.2		
Naphthalene	ND< 5.00		

ELAP Number 10958 Method: EPA 8260 Data File: 11030.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021520V2.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: Day Environmental, Inc.

Client Job Site:	80-100 Charlotte St.	**Lab Project Number:**	02-1520
		Lab Sample Number:	5642
Client Job Number:	RoCity 2957S-02		
Field Location:	2957-MW-3	**Date Sampled:**	06/18/2002
Field ID Number:	N/A	**Date Received:**	06/18/2002
Sample Type:	Water	**Date Analyzed:**	06/25/2002

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00
Bromomethane	ND< 2.00
Bromoform	ND< 2.00
Carbon Tetrachloride	ND< 2.00
Chloroethane	ND< 2.00
Chloromethane	ND< 2.00
2-Chloroethyl Vinyl Ether	ND< 2.00
Chloroform	ND< 2.00
Dibromochloromethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis 1,2-Dichloroethene	ND< 2.00
trans 1,2-Dichloroethene	ND< 2.00
1,2-Dichloropropane	ND< 2.00
cis 1,3-Dichloropropene	ND< 2.00
trans 1,3-Dichloropropene	ND< 2.00
Methylene Chloride	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	ND< 2.00
Trichlorofluoroethane	ND< 2.00
Vinyl Chloride	ND< 2.00

Aromatics	Results in ug / L
Benzene	1.22
Chlorobenzene	ND< 2.00
Ethylbenzene	5.62
Toluene	ND< 2.00
m,p-Xylene	10.9
o-Xylene	ND< 2.00
Styrene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00

Ketones	Results in ug / L
Acetone	ND< 10.0
2-Butanone	ND< 5.00
2-Hexanone	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00

Miscellaneous	Results in ug / L
Carbon Disulfide	ND< 5.00
Vinyl Acetate	ND< 5.00

ELAP Number 10958 Method: EPA 8260B Data File: 11044.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 021520V7.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water (Additional STARS Compounds)

Client: Day Environmental, Inc.

Client Job Site:	RoCity 80-100 Charlotte St.	**Lab Project Number:** **Lab Sample Number:**	02-1520 5642
Client Job Number:	2957S-02		
Field Location:	2957-MW-3	**Date Sampled:**	06/18/2002
Field ID Number:	N/A	**Date Received:**	06/18/2002
Sample Type:	Water	**Date Analyzed:**	06/25/2002

Aromatics	Results in ug / L	Aromatics	Results in ug / L
n-Butylbenzene	11.1	1,2,4-Trimethylbenzene	8.41
sec-Butylbenzene	5.79	1,3,5-Trimethylbenzene	ND< 2.00
tert-Butylbenzene	ND< 2.00		
n-Propylbenzene	8.80	**Miscellaneous**	
Isopropylbenzene	3.97	Methyl tert-butyl Ether	ND< 2.00
p-Isopropyltoluene	ND< 2.00		
Naphthalene	ND< 5.00		

ELAP Number 10958 Method: EPA 8260 Data File: 11031.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021520V3.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: Day Environmental, Inc.

Client Job Site:	80-100 Charlotte St.	**Lab Project Number:**	02-1520
		Lab Sample Number:	5643
Client Job Number:	RoCity 2957S-02		
Field Location:	2957-MW-4	**Date Sampled:**	06/18/2002
Field ID Number:	N/A	**Date Received:**	06/18/2002
Sample Type:	Water	**Date Analyzed:**	06/25/2002

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 200
Bromomethane	ND< 200
Bromoform	ND< 200
Carbon Tetrachloride	ND< 200
Chloroethane	ND< 200
Chloromethane	ND< 200
2-Chloroethyl Vinyl Ether	ND< 200
Chloroform	ND< 200
Dibromochloromethane	ND< 200
1,1-Dichloroethane	ND< 200
1,2-Dichloroethane	ND< 200
1,1-Dichloroethene	ND< 200
cis 1,2-Dichloroethene	ND< 200
trans 1,2-Dichloroethene	ND< 200
1,2-Dichloropropane	ND< 200
cis 1,3-Dichloropropene	ND< 200
trans 1,3-Dichloropropene	ND< 200
Methylene Chloride	ND< 500
1,1,2,2-Tetrachloroethane	ND< 200
Tetrachloroethene	ND< 200
1,1,1-Trichloroethane	ND< 200
1,1,2-Trichloroethane	ND< 200
Trichloroethene	ND< 200
Trichlorofluoroethane	ND< 200
Vinyl Chloride	ND< 200

Aromatics	Results in ug / L
Benzene	ND< 70.0
Chlorobenzene	ND< 200
Ethylbenzene	1,570
Toluene	ND< 200
m,p-Xylene	3,260
o-Xylene	ND< 200
Styrene	ND< 200
1,2-Dichlorobenzene	ND< 200
1,3-Dichlorobenzene	ND< 200
1,4-Dichlorobenzene	ND< 200

Ketones	Results in ug / L
Acetone	ND< 1,000
2-Butanone	ND< 500
2-Hexanone	ND< 500
4-Methyl-2-pentanone	ND< 500

Miscellaneous	Results in ug / L
Carbon Disulfide	ND< 500
Vinyl Acetate	ND< 500

ELAP Number 10958 Method: EPA 8260B Data File: 11045.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021520V8.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water (Additional STARS Compounds)

Client: Day Environmental, Inc.

Client Job Site:	RoCity 80-100 Charlotte St.	**Lab Project Number:** **Lab Sample Number:**	02-1520 5643
Client Job Number:	2957S-02		
Field Location:	2957-MW-4	**Date Sampled:**	06/18/2002
Field ID Number:	N/A	**Date Received:**	06/18/2002
Sample Type:	Water	**Date Analyzed:**	06/25/2002

Aromatics	Results in ug / L	Aromatics	Results in ug / L
n-Butylbenzene	ND< 200	1,2,4-Trimethylbenzene	2,530
sec-Butylbenzene	1,510	1,3,5-Trimethylbenzene	602
tert-Butylbenzene	337		
n-Propylbenzene	589	**Miscellaneous**	
Isopropylbenzene	209	Methyl tert-butyl Ether	ND< 200
p-Isopropyltoluene	ND< 200		
Naphthalene	ND< 500		

ELAP Number 10958 Method: EPA 8260 Data File: 11035.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 021520V4.XLS

PARADIGM
Environmental Services, Inc.
179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Water

Client:	Day Environmental, Inc.	**Lab Project No.:**	02-1520
		Lab Sample No.:	5640
Client Job Site:	RoCity 80-100 Charlotte St.	**Sample Type:**	Water
Client Job No.:	2957S-02		
		Date Sampled:	06/18/2002
Field Location:	2957-MW-1	**Date Received:**	06/18/2002
Field ID No:	N/A	**Date Analyzed:**	06/24/2002

Petroleum Hydrocarbon	Result (ug/L)	Reporting Limit (ug/L)
Petroleum Hydrocarbon	BDL	250

N.Y.D.O.H. Analytical Method: 310.13 ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

File ID: 021520P1.XLS

PARADIGM
Environmental Services, Inc.
179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Water

Client:	Day Environmental, Inc.	**Lab Project No.:**	02-1520
		Lab Sample No.:	5641
Client Job Site:	RoCity 80-100 Charlotte St.	**Sample Type:**	Water
Client Job No.:	2957S-02		
		Date Sampled:	06/18/2002
Field Location:	2957-MW-2	**Date Received:**	06/18/2002
Field ID No:	N/A	**Date Analyzed:**	06/24/2002

Petroleum Hydrocarbon	Result (ug/L)	Reporting Limit (ug/L)
Light Weight PHC as Gasoline	**1,140**	**250**

N.Y.D.O.H. Analytical Method: 310.13 ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

File ID: 021520P2.XLS

PARADIGM
Environmental Services, Inc.
179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Water

Client:	Day Environmental, Inc.	**Lab Project No.:**	02-1520
		Lab Sample No.:	5642
Client Job Site:	RoCity 80-100 Charlotte St.	**Sample Type:**	Water
Client Job No.:	2957S-02		
		Date Sampled:	06/18/2002
Field Location:	2957-MW-3	**Date Received:**	06/18/2002
Field ID No:	N/A	**Date Analyzed:**	06/24/2002

Petroleum Hydrocarbon	Result (ug/L)	Reporting Limit (ug/L)
Light Weight PHC as Gasoline	376	250

N.Y.D.O.H. Analytical Method: 310.13 ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

File ID: 021520P3.XLS

PARADIGM
Environmental Services, Inc.
179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Water

Client:	Day Environmental, Inc.	**Lab Project No.:**	02-1520
		Lab Sample No.:	5643
Client Job Site:	RoCity 80-100 Charlotte St.	**Sample Type:**	Water
Client Job No.:	2957S-02		
		Date Sampled:	06/18/2002
Field Location:	2957-MW-4	**Date Received:**	06/18/2002
Field ID No:	N/A	**Date Analyzed:**	06/25/2002

Petroleum Hydrocarbon	Result (ug/L)	Reporting Limit (ug/L)
Light Weight PHC as Gasoline	10,400	250

N.Y.D.O.H. Analytical Method: 310.13 ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____
Laboratory Director

File ID: 021520P4.XLS

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(716) 647-2530 * (800) 724-1997
FAX: (716) 647-3311

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
COMPANY: DAY ENVIRONMENTAL INC	COMPANY: SAME	LAB PROJECT #: GL-1520 / CLIENT PROJECT #: Rocity 29575-02
ADDRESS: 40 COMMERCIAL ST	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)
CITY: ROCHESTER NY STATE: ZIP: 14614	CITY: STATE: ZIP:	STD [X] 5 OTHER [ ]
PHONE: 454 0210 FAX: 454-0825	PHONE: FAX:	
PROJECT NAME/SITE NAME: SC-100 CHARLOTTE ST. Rocity 29575-02	ATTN: Jeff Dattinger	ATTN:
	COMMENTS:	

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	TPH 310.13	8260 TCL + STARS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	6/18/02	11:36		X	2957-MW-1	water	3	X	X		56-10
2	6/18/02	15:45		X	2957-MW-2	water	3	X	X		56411
3	6/18/02	11:10		X	2957-MW-3	water	3	X	X		56412
4	6/18/02	1300		X	2957-MW-4	water	3	X	X		56413
5											
6											
7											
8											
9											
10											

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation: CONTAINER TYPE: [ ] PRESERVATIONS: [ ] HOLDING TIME: [ ] TEMPERATURE: [X] Ice 18

Sampled By: CHRIS DAVIDSON	Date/Time: 6/18/02 16:50	Relinquished By:	Date/Time:
Relinquished By:	Date/Time: 6/18/02 16:50	Received By:	Date/Time:
Received By:	Date/Time: 10/18/02 1650	Received @ Lab By:	Date/Time: 6/19/02 17[illegible]

Total Cost:

P.I.F.